

# MORE INVENTIVE LESS INVASIVE

PRODUCTS CATALOGUE



This catalogue presents the ACTEON® Group products.

Different versions of many of our products are available in different sales areas. The configurations included in this catalogue are given as an example.

For more information, please contact your ACTEON® dealer or the ACTEON® sales manager for your country/region or contact us at [info@acteongroup.com](mailto:info@acteongroup.com)

All products in this catalogue must only be used by dental professionals.



# TABLE OF CONTENTS TABLE OF CONTENT

ACTEON®, a reference manufacturer of small dental equipment and consumable products, is now a global Group with branches worldwide, which incorporates three divisions:

- **ACTEON® EQUIPMENT**, Equipment division of the ACTEON® Group, is the world leader in piezo-electrical generators, and offers a comprehensive range of peripheral dental devices: osteotomes, polishers, high-frequency scalpels, curing lights, autoclaves, etc.

- **ACTEON® IMAGING**, Imaging division of the ACTEON® Group, is the world leader in intraoral dental cameras. It develops innovative digital radiology systems.

- **ACTEON® PHARMA**, Pharmaceutical division of the ACTEON® Group, offers a wide choice of pharmaceutical products and consumables including anaesthetics, products for endodontic treatments, hygiene products and dental impression products.

Granted ISO 13485 certification, ACTEON® has expanded through product innovation and continually reinforced international presence.



[www.acteongroup.com](http://www.acteongroup.com)

## ACTEON EQUIPMENT

Ultrasonics .....	9
Polishers.....	43
Surgery.....	53
Sterilization.....	77
Polymerization .....	83
Miscellaneous.....	91

## ACTEON IMAGING

Intraoral radiology.....	99
Extraoral radiology .....	117
Imaging color systems.....	131

## ACTEON PHARMA

Anesthetics .....	151
Endodontics.....	167
Prophylaxis / Periodontics .....	175
Hygiene .....	185
Restoration .....	199
Sulcular opening .....	207
Impression materials .....	211

## ACTEON OEM

Ultrasonics .....	225
Motors.....	235
Polymerization .....	239
Intraoral cameras .....	245

## ACTEON

INFOS & CONTACTS .....	253
------------------------	-----



## User's manuals and installation videos

available on our **Extranet**  
[www.satelec.com/documents](http://www.satelec.com/documents)



## Videos

Find out more than a hundred videos (clinical, commercial, technical) and many playlists categorized by theme on the brand new ACTEON® Equipment YouTube channel.  
<https://www.youtube.com/user/acteonsatelec>



## Commercial leaflets

available on our **website**  
[www.acteongroup-products.com](http://www.acteongroup-products.com)



Scan these QR codes with your smartphone\* to access to the required website.  
 \*QR code and PDF readers are available for free on the Apple store or Android market.

<b>Ultrasonics.....</b>	<b>9</b>
Ultrasonic generators.....	10
Ultrasonic tips.....	18
Tips kits .....	26
Wrenches .....	30
Boxes and supports .....	31
Range IV accessories .....	32
Range III accessories.....	34
Range II accessories .....	36
Range I accessories .....	38
Overview of irrigation lines.....	40
<b>Polishers.....</b>	<b>43</b>
Tabletop units.....	44
AIR-N-GO® easy .....	46
Powders.....	48
AIR-N-GO® accessories (1 <sup>st</sup> generation).....	49
<b>Surgery.....</b>	<b>53</b>
Implant Center™ 2 .....	54
Piezotome® 2 .....	56
Piezotome® Solo.....	57
Accessories .....	58
Osteotomy - osteoplasty.....	60
Sinus Lift.....	61
Intralift™ .....	62
Extraction .....	63
Crown extension .....	64
Crest splitting .....	65
Piezocision™ .....	66
Packs and kits .....	67
Implant motors .....	70
Electrosurge.....	74
Electrodes .....	75
<b>Sterilization .....</b>	<b>77</b>
Autoclaves.....	78
Accessories .....	79
<b>Polymerization .....</b>	<b>83</b>
Curing lights .....	84
Accessories .....	87
<b>Miscellaneous.....</b>	<b>91</b>
Amalgamator.....	92
Misc. accessories.....	93
Endo motors accessories .....	94



## ULTRASONICS



### NEWTRON BOOSTER

10

ACTEON EQUIPMENT



**NEWTRON® BOOSTER**  
230 V CE

**F60203**

Delivered with a NEWTRON® handpiece, a power supply, a N°1 tip and an autoclavable universal wrench.

### ACCESSORIES



**NEWTRON® handpiece**  
without LED, autoclavable, light grey/dark grey **F12281**



**IMPORTANT**  
Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® handpiece cord for NEWTRON® BOOSTER**  
non-disconnectable **X00244**



**Footswitch**  
non-disconnectable **F00028**



**Handpiece holder**  
silicone **E60108**

11

ACTEON EQUIPMENT



Newtron brochure

### NEWTRON P5 B.LED



Newtron brochure

### ACCESSORIES



**NEWTRON® SLIM B.LED handpiece**  
with blue LED ring

**F12900**



**NEWTRON® handpiece SLIM B.LED**  
with white LED ring

**F12905**



#### IMPORTANT

Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® SLIM B.LED blue LED ring**

**F62201**



**NEWTRON® SLIM B.LED white LED ring**

**F12915**



**NEWTRON® SLIM B.LED handpiece cord**  
non-disconnectable

**X00226**



**Footswitch**  
non-disconnectable

**F00044**



**Handpiece holder**  
silicone

**E60108**



**F.L.A.G.™ for B.LED dental plaque discloser**  
5 x 1.5 ml

**F62200**



**F.L.A.G.™ for B.LED dental plaque discloser**  
100 ml

**F62203**



**NEWTRON® P5 B.LED**  
230 V CE

**F61101**

Delivered with a NEWTRON® SLIM B.LED handpiece with blue ring, a white LED ring, a F.L.A.G. kit (5x1.5ml), a power supply, a N°1 tip and an autoclavable universal wrench.

# ULTRASONIC GENERATORS

## NEWTRON P5XS



Newtron brochure

## NEWTRON P5XS

BLUETOOTH



**NEWTRON® P5 XS** B.LED  
230 V CE

**F62100**

Delivered with a NEWTRON® SLIM B.LED handpiece with blue ring, a white LED ring, a F.L.A.G.™ kit (5x1.5ml), a power supply, 3 tips (N°1, N°1S, H3) and an autoclavable universal wrench.

**NEWTRON® P5 XS** B.LED BLUETOOTH  
230 V CE

**F62150**

Delivered with a NEWTRON® SLIM B.LED handpiece with blue ring, a white LED ring, a F.L.A.G.™ kit (5x1.5ml), a power supply, 3 tips (N°1, N°1S, H3), an autoclavable universal wrench, a iPhone 4 holder and a iPhone 5 holder.



## ACCESSORIES



**NEWTRON® SLIM B.LED handpiece**  
with blue LED ring **F12900**



**NEWTRON® SLIM B.LED handpiece**  
with white LED ring **F12905**



**IMPORTANT**  
Handpieces compatible with all ACTEON® Equipment  
Dental Tips (with color coded ring).



**NEWTRON® SLIM B.LED blue LED ring**  
**F62201**



**NEWTRON® SLIM B.LED white LED ring**  
**F12915**



**NEWTRON® SLIM B.LED handpiece cord**  
non-disconnectable **X00226**



**Footswitch**  
non-disconnectable **F00044**



**Handpiece holder**  
silicone **E60108**



**Tank 300 ml**  
**F62004**



**Tank 500 ml**  
**F62005**



**iPhone 4 holder**  
for NEWTRON® P5 XS B.LED Bluetooth **F62023**



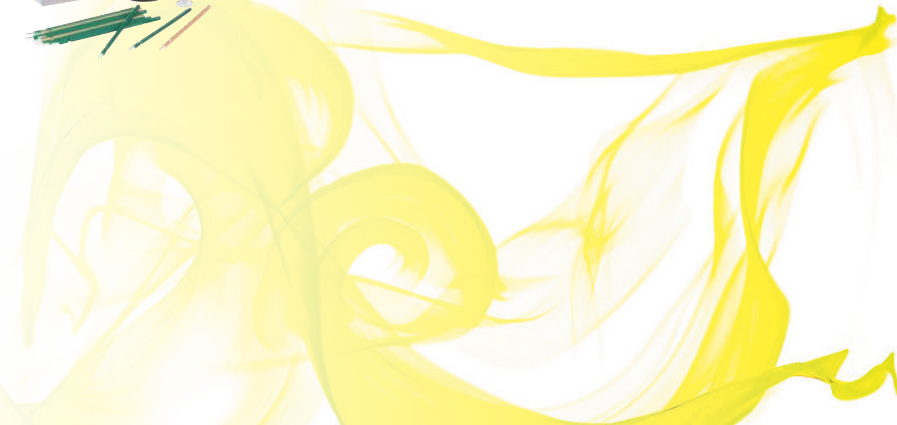
**iPhone 5 holder**  
for NEWTRON® P5 XS B.LED Bluetooth **F62024**



**F.L.A.G.™ for B.LED dental plaque discloser**  
5 x 1.5 ml **F62200**



**F.L.A.G.™ for B.LED dental plaque discloser**  
100 ml **F62203**







## ULTRASONIC TIPS

## ULTRASONIC TIPS

### COLOR CODING SYSTEM



SATELEC® Dental Tips are color coded to show their recommended power range. The same color coding is displayed on the ultrasonic generators and dynamometric wrenches.

-  Low power  
Periodontics
-  Medium power  
Endodontics
-  High power  
Prophylaxis
-  Very high power  
Restorative and Conservative

### TIPCARDS



**TipCard Scaling**  
Tip wear guide for scaling tips

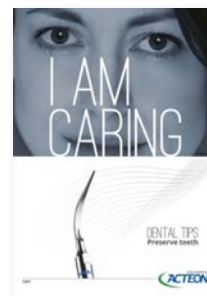
**D00247**



**TipCard Perio**  
Tip wear guide for perio tips

**D00248**

### LEAFLET



Leaflet «Dental Tips - Preserve Teeth»



**D00601**



### scaling



#### Scaling



**N°1**  
F00246  
Universal



**N°2**  
F00247  
High power



**N°3**  
F00248  
Removing stains



**10P**  
F00253  
Supra and sub-gingival <3 mm



**10X**  
F00359  
Interproximal



**10Z**  
F00254  
Subgingival



**N°1S**  
F00245  
Supra and sub-gingival

### perio dontics



#### Curettes & debridement



**H1**  
F00366  
Anterior teeth, diamond-coated



**H2L**  
F00367  
Premolars & molars, left-angled



**H2R**  
F00368  
Premolars & molars, right-angled



**H3**  
F00369  
Anterior teeth, curette



**H4L**  
F00114  
Premolars & molars, left-angled



**H4R**  
F00115  
Premolars & molars, right-angled

### perio Fine



#### Periofine



**PFU**  
F02170  
Universal



**PFL**  
F02171  
Left-angled



**PFR**  
F02172  
Right-angled

### implant Protect

Pure Titanium



#### Traitement des péri-implantites



**IP1**  
F02121  
Implant abutments and wide threads



**IP2L**  
F02122  
Medium implant threads, left-angled



**IP2R**  
F02123  
Medium implant threads, right-angled



**IP3L**  
F02124  
Narrow implant threads, left-angled



**IP3R**  
F02125  
Narrow implant threads, right-angled

### perio maintenance

BDR



#### Maintenance parodontale (BDR)



**TK1-1S**  
F01001  
Short probe



**TK1-1L**  
F01004  
Long probe



**TK2-1L**  
F02162  
Premolars & molars, left-angled



**TK2-1R**  
F02161  
Premolars & molars, right-angled

### perio Soft

#### Maintenance implantaire



**PH1 (x4)**  
F00702  
Anterior teeth



**PH2L (x4)**  
F00705  
Premolars & molars, left-angled



**PH2R (x4)**  
F00706  
Premolars & molars, right-angled

### perio Precision

#### PerioPrecision



**P2L**  
F00090  
Narrow pockets debridement, left



**P2R**  
F00091  
Narrow pockets debridement, right

# ULTRASONIC TIPS

endodontics

## Endodontics - Irrigation



**K10-21 (x4)**  
F43710  
Ø 0.1/length 21 mm

**K10-25 (x4)**  
F43712  
Ø 0.1/length 25 mm



**K15-21 (x4)**  
F43715  
Ø 0.15/length 21 mm

**K15-25 (x4)**  
F43717  
Ø 0.15/length 25 mm



**K25-21 (x4)**  
F43725  
Ø 0.25/length 21 mm

**K25-25 (x4)**  
F43727  
Ø 0.25/length 25 mm



**K30-21 (x4)**  
F43730  
Ø 0.3/length 21 mm

**K30-25 (x4)**  
F43732  
Ø 0.3/length 25 mm

irrisafe

## Passive Ultrasonic Irrigation



**IRR 20-21 (x4)**  
F43807  
Ø 0.2 mm  
length 21 mm



**IRR 20-25 (x4)**  
F43808  
Ø 0.2 mm  
length 25 mm



**IRR 25-21 (x4)**  
F43805  
Ø 0.25 mm  
length 21 mm



**IRR 25-25 (x4)**  
F43806  
Ø 0.25 mm  
length 25 mm

endosurgery

## Apical surgery



**P14D**  
F00106  
Universel

**P15LD**  
F00107  
Left-angled

**P15RD**  
F00108  
Right-angled

**S12-70D**  
F00118  
70°  
Universal

# ULTRASONIC TIPS

endodontie

## Retreatment



**ET40**  
F88012  
Length 40 mm



**ET40D**  
F88014  
Length 40 mm,  
diamond-coated



**ET20D**  
F88013  
Length 20 mm,  
diamond-coated



**SO4**  
F88009  
Gutta Percha condenser

endosuccess

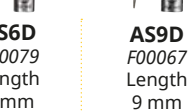
## Apical surgery



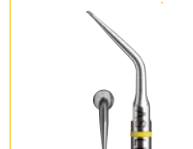
**AS3D**  
F00065  
Length 3 mm  
Universal



**AS6D**  
F00079  
Length 6 mm



**AS9D**  
F00067  
Length 9 mm



**ASLD**  
F00080  
Length 3 mm, left-angled (premolars)



**ASRD**  
F00081  
Length 3 mm, right-angled (premolars)

endosuccess

## Retreatment



**ET18D**  
F88017  
Cavity access finishing



**ETBD**  
F88020  
Exploration



**ET25S**  
F88021  
Short Ti-Nb tip



**ET25**  
F88018  
Ti-Nb tip



**ET25L**  
F88022  
Long Ti-Nb tip



**ET20**  
F88011  
Universal



**ETPR**  
F88019  
Loosening

endosuccess

## Canal Access Prep



**CAP1**  
F88181  
Cavity preparation



**CAP2**  
F88182  
Canal localization







**CAP3**  
F88183  
Canal opening

**perfectmargin**  
Rounded









Prosthetic finishing (rounded)

 <b>PM1</b> F02250 Preparation of the dentin	 <b>PM2</b> F02251 Preparation/finishing	 <b>PM3</b> F02252 Finishing
 <b>PM4</b> F02253 Corono-radicular preparation, conical, diamond-coated 46 µm		

**perfectmargin**  
Veneers








Ceramic veneers finishing

 <b>PMV1</b> F02021 Diamond-coated ball	 <b>PMV2</b> F02022 Diamond-coated external spoon	 <b>PMV3</b> F02023 Diamond-coated internal spoon
 <b>PMV4</b> F02024 Smooth external spoon	 <b>PMV5</b> F02025 Smooth internal spoon	 <b>PMV6</b> F02026 Smooth ball





**excavus**



Excavation

 <b>EX1</b> F02040 Occlusal surface	 <b>EX2</b> F02041 Proximal surface	 <b>EX3</b> F02042 Distal surface
 <b>EX-R</b> F02043 45° to the right	 <b>EX-L</b> F02044 45° to the left	




**Loosening and condensation**

 <b>C20</b> F00113 Inlay/onlay condensation	 <b>Piezocem caps x10</b> F00397
<p><i>Discontinued, available until stock runs out</i></p>  <b>GI-1</b> F02151 Glass ionomer condensation	 <b>5AE</b> F00249 Loosening with spray

**perfectmargin**  
Shoulder



Prosthetic finishing (shoulder)

 <b>PMS1</b> F02254 Preparation of the dentin	 <b>PMS2</b> F02255 Preparation/finishing	 <b>PMS3</b> F02256 Finishing
---	---	---

**ellipson**  
CONCEPT



Canal Preparation

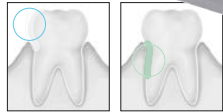
 <b>EC</b> F02245 Ellipson tip
<p><i>Discontinued, available until stock runs out</i></p>



## scaling

**Scaling kit** **F00934**

Delivered with an autoclavable plastic box, N°1, N°1S, N°10X, H3 tips, three autoclavable dynamometric blue wrenches and one autoclavable dynamometric green wrench.



## hygiene

**Hygiene kit** **F00935**

Delivered with an autoclavable plastic box, N°1, N°1S, N°10Z, TK1-1S tips, three autoclavable dynamometric blue wrenches and one autoclavable dynamometric green wrench.



## periodontics

**Perio kit** **F00936**

Delivered with an autoclavable plastic box, N°1S, H3, H4L, H4R tips, three autoclavable dynamometric green wrenches and one autoclavable dynamometric blue wrench.



## perioPrecision

**PerioPrecision™ kit** **F00939**

Delivered with an autoclavable plastic box, P2L, P2R, TK1-1S tips and three green autoclavable dynamometric wrenches.



## periomaintenance

BDR

**Maintenance kit (BDR)** **F00937**

Delivered with an autoclavable plastic box, TK1-1S, TK1-1L, TK2-1L, TK2-1R tips, four autoclavable dynamometric green wrenches.



## implantProtect

Pure Titanium

**Implant Protect kit** **F02120**

Delivered with IP1, IP2L, IP2R, IP3L and IP3R tips, an autoclavable metal support and an universal autoclavable wrench.



## endosuccess

Retreatment

**Endo Success™ Retreatment kit** **F00737**

Delivered with ET18D, ET20, ET25, ET25S, ETBD, ETPR tips, an autoclavable metal support and an autoclavable universal wrench.



## endosuccess

Canal Access Prep

**Endo Success™ Canal Access Prep kit** **F88180**

Delivered with CAP1, CAP2, CAP3 tips, an autoclavable metal support and an autoclavable universal wrench.





**endo one**

**Endo One kit** **F00732**

Delivered with CAP1, CAP2, CAP3, ET25, ETPR tips, 1 blister of 4 Irri-Safe™ 25-21mm, an autoclavable metal support and an autoclavable universal wrench.



**endosuccess**  
Apical Surgery

**Endo Success™ Apical Surgery kit** **F00069**

Delivered with AS3D, AS6D, AS9D, ASLD, ASRD tips, an autoclavable metal support and an autoclavable universal wrench.



**ellipson**  
CONCEPT

**Intro-kit Ellipson** **F02240**

Delivered with 1 "Ellipson Tip" and 15 "Ellipson Post".  
*Discontinued, available until stock runs out*



**10 "Ellipson Post" box** **F02241**

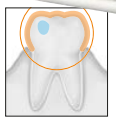
*Discontinued, available until stock runs out*



**excavus**

**Excavus® kit** **F00739**

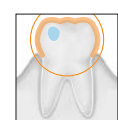
Delivered with EX1, EX2, EX3, EXL, EXR tips, an autoclavable metal support and an autoclavable universal wrench.



**perfectmargin**  
Rounded

**Perfect Margin® Rounded kit** **F00738**

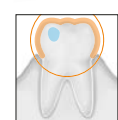
Delivered with PM1, PM2, PM3, PM4 tips, an autoclavable metal support and an autoclavable universal wrench.



**perfectmargin**  
Shoulder

**Perfect Margin® Shoulder kit** **F00736**

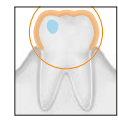
Delivered with PMS1, PMS2, PMS3, PM4 tips, an autoclavable metal support and an autoclavable universal wrench.



**perfectmargin**  
Veneers

**Perfect Margin® Veneers kit** **F02020**

Delivered with PMV1, PMV2, PMV3, PMV4, PMV5, PMV6 tips, an autoclavable metal support and an autoclavable universal wrench.



WRENCHES

BOXES AND SUPPORTS

WRENCHES



**Color dynamometric wrench**  
autoclavable

- Green
- Yellow\*
- Blue
- Orange

- F81320**
- F81321**
- F81322**
- F81323**

**IMPORTANT**

\*The yellow dynamometric wrench (Ref. F81321) is used with surgical endodontics tips : AS3D, AS6D, AS9D, ASLD, ASRD, S12-70D, P14D, P15LD & P15RD.  
For other tips with yellow ring, the universal wrench (Ref. F00406) is recommended.



**Autoclavable universal wrench**

**F00406**



**Protec-Tip**

**F81281**

BOXES



**Autoclavable plastic box**  
+ 4 color dynamometric wrenches

**F12352**



**Autoclavable plastic box**  
for color dynamometric wrenches

**F12351**

SUPPORTS



**Newtron® kit support**

**X88451**



**Endo Success™ kit support**

**F88447**



**Excavus® kit support**

**F88449**



RANGE IV = NEWTRON® BOOSTER, NEWTRON® P5, NEWTRON® P5 B.LED, NEWTRON® P5 XS B.LED, NEWTRON® P5 XS B.LED Bluetooth



HANDPIECES



**IMPORTANT**

Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® handpiece**  
without LED, autoclavable, light grey/dark grey **F12281**  
For NEWTRON® BOOSTER



**Nose for NEWTRON® handpiece** **F12284**



**NEWTRON® SLIM handpiece**  
without LED **F12901**  
For NEWTRON® P5



**NEWTRON® SLIM B.LED handpiece**  
> with blue LED ring **F12900**  
> with white LED ring **F12905**  
For NEWTRON® P5 B.LED and NEWTRON P5® XS B.LED (Bluetooth)



**NEWTRON® SLIM B.LED blue LED ring** **F62201**



**NEWTRON® SLIM B.LED white LED ring** **F12915**



**Handpiece holder**  
silicone **E60108**



**Nose for NEWTRON® SLIM and NEWTRON® SLIM B.LED handpieces** **E12904**

CORDS



**NEWTRON® handpiece cord**  
non-disconnectable  
for NEWTRON® BOOSTER **X00244**



**NEWTRON® SLIM handpiece cord**  
non-disconnectable  
for NEWTRON® BOOSTER **X00227**



**NEWTRON® SLIM handpiece cord**  
non-disconnectable  
for NEWTRON® P5 **X00228**



**NEWTRON® SLIM B.LED handpiece cord**  
non-disconnectable **X00226**  
For NEWTRON® P5 B.LED and NEWTRON P5® XS B.LED (Bluetooth)

FOOTSWITCHES



**Non-disconnectable footswitch**  
for NEWTRON® BOOSTER **F00028**



**Non-disconnectable footswitch**  
for NEWTRON® P5, NEWTRON® P5 B.LED  
and NEWTRON P5® XS B.LED (Bluetooth) **F00044**

DENTAL PLAQUE DISCLOSER



**F.L.A.G.™ for B.LED dental plaque discloser**  
5 x 1.5 ml **F62200**



**F.L.A.G.™ for B.LED dental plaque discloser**  
100 ml **F62203**

IRRIGATION



**Tank 300 ml** **F62004**

**Tank 500 ml** **F62005**

iPHONE HOLDER



**iPhone 4 holder**  
For NEWTRON® P5 XS B.LED Bluetooth **F62023**



**iPhone 5 holder**  
For NEWTRON® P5 XS B.LED Bluetooth **F62024**

# RANGE III ACCESSORIES

RANGE III = P5 Newtron®, P5 Newtron® LED, P5 Newtron® XS, P5 Newtron® XS LED, P-Max Newtron® XS and Prophy Max™



## HANDPIECES



### IMPORTANT

Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® handpiece**  
autoclavable, light grey/dark grey  
For P5 Newtron®, P5 Newtron® XS and Prophy Max™ **F12281**



**Nose for NEWTRON® handpiece**  
**F12284**



**Newtron® LED handpiece**  
autoclavable  
For P-Max Newtron® XS, P5 Newtron® LED and P5 Newtron® XS LED **F12609**



**Nose for Newtron® LED handpiece**  
**E12681**



**Metal nose for Newtron® LED handpiece**  
**X12675**



**Light ring**  
for NEWTRON® LED handpiece **F12605**

## FOOTSWITCH



**Non-disconnectable footswitch**  
for P5 Newtron®/ P5 Newtron® LED/  
P5 Newtron® XS/ P5 Newtron® XS LED **F00061**

# RANGE III ACCESSORIES

## CORDS



**White handpiece cord**  
for P5 Newtron® **F00223**



**White handpiece cord**  
for P5 Newtron® XS **F00222**



**LED handpiece cord**  
for P5 Newtron® LED or P5 Newtron® XS LED **F00637**



**CDisconnectable LED handpiece cord**  
for P-Max Newtron® XS **F00628**



**Newtron® handpiece cord**  
white, with spray adjustment  
for Prophy Max™ **F01176**

## IRRIGATION



**Tank**  
with white cover **F58525**



**Sterikit**  
for P5 Newtron® XS **F58136**  
Delivered with a support, a bracket, a pump cover, 5 clips, a Sterijoint and three sterile universal irrigation lines.



**Sterikit LED**  
for P5 Newtron® XS LED **F58225**  
Delivered with a support, a bracket, a pump cover, 5 clips, a LED Sterijoint and three sterile universal irrigation lines.



**Sterijoint**  
Adapter for NEWTRON® handpiece  
(for Sterikit) **F58703**



**Sterijoint Newtron® LED**  
Adapter for Newtron® LED handpiece  
(for Sterikit LED) **F12640**



**10 universal irrigation lines kit**  
sterile, single-use with integrated cassette  
(for Sterikit and Sterikit LED) **F57370**



**Pump cassette**  
**E58543**

# RANGE II ACCESSORIES

# RANGE II ACCESSORIES

RANGE II = P5 Newtron® (blue), P5 Newtron® XS (blue), P-Max Newtron®, P-Max Newtron® Lux, Prophy Max™ (blue) and Prophy Max™ Lux



## HANDPIECES



### IMPORTANT

Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® handpiece**  
autoclavable, grey/blue  
*Discontinued, available until stock runs out* **F12280**

**Nose for NEWTRON® handpiece**  
**F12284**

## CORDS



**Blue handpiece cord**  
for P5 Newtron® or P5 Newtron® XS **F00212**



**NEWTRON® handpiece cord**  
with zip system and spray adjustment  
For P-Max Newtron® and Prophy Max™ Gamme II **F01175**



**Zip system**  
For P-Max (Lux) Newtron® and Prophy Max™ (Lux)  
Range II. *Discontinued, available until stock runs out* **F59760**

## CART



**Cart Newtron®**  
Color : white **F03739**  
Two connections for water and electricity.  
Dimensions (DxWxH) : 48 x 40 x 77cm  
3 glass trays : 42 x 36cm

## IRRIGATION



**Sterijoint Newtron®**  
Adapter for NEWTRON® handpiece **F58705**



**Sterijoint Newtron® Lux**  
Adaptater for Newtron® Lux handpiece  
*Discontinued, available until stock runs out* **F12620**



**10 Newtron® double-lines kit**  
For P-Max Newtron® (Lux) and Prophy Max™ (Lux)  
Range II **F59752**



**10 Newtron® single-lines kit**  
For P-Max Newtron® (Lux) and Prophy Max™ (Lux)  
Range II **F59756**



**Kit of 3 hoops for Newtron® cord**  
**F59761**



**Tank 450 ml Newtron®**  
For P-Max Newtron® and Prophy Max™ Range II **E59774**



**Tank cap Newtron®**  
For P-Max Newtron® and Prophy Max™ Range II **E59775**



**Irrigation kit**  
For P-Max Newtron® and Prophy Max™ Range II **F59750**



**Newtron® bracket**  
**F59764**

## FOOTSWITCHES



**Newtron® single footswitch**  
**F00054**



**Newtron® double footswitch**  
**F00055**

# RANGE I ACCESSORIES

# RANGE I ACCESSORIES



## HANDPIECES



### IMPORTANT

Handpieces compatible with all ACTEON® Equipment Dental Tips (with color coded ring).



**NEWTRON® handpiece**  
autoclavable, light grey/dark grey

**F12281**



**Self-adhesive holder**

**F00404**



**Bulb for light handpiece cord**  
+ 2 o'rings

**F00412**



**3 gasket o'rings + tool**

**F12304**

## CORDS



**Light grey Suprasson handpiece cord**

**F00195**



**Light grey Suprasson Lux handpiece cord**

**F00600**

## CART



**Cart Cocoon**  
Color : white

**F24417**

Two connections for water and electricity  
Dimensions (DxWxH) : 45 x 40 x 80cm  
3 trays : 40 x 30cm

## IRRIGATION



**Sterijoint**

**F58703**



**Sterijoint Lux**

*Discontinued, available until stock runs out*

**F12610**



**10 universal irrigation lines kit**

sterile, single-use with integrated cassette

**F57370**



**5 plastic caps kit**

for universal irrigation line

**F57375**



**Bracket**

**X34510**



**10 stoppers kit**

for irrigation bottle

**F58790**



**Autoclavable irrigation bottle**  
(glass)

**E58795**



**Autoclavable irrigation bottle**

with grey cap  
with grey cap *Discontinued, available until stock runs out*

**F58792**

**F58793**



**Grey cap**

**F58794**



**Green cap**

*Discontinued, available until stock runs out*

**X58793**



**Hanger for irrigation bottle**

**E58791**



**Sterilstatic irrigation kit**

Delivered with a pump motor, a holder,  
three universal irrigation lines, five clips, three hanger  
for bottle, three rubber stoppers, a bracket and an  
autoclavable bottle (250ml) with blue cap

**F58704**

## FOOTSWITCHES



**Double footswitch**

*Discontinued, available until stock runs out*

**F00041**



**Single footswitch**

**F00045**

## MISC.



**Water filter 60µ**

**F10386**



**60µ water filter cartridge + o'ring**










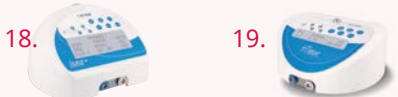

**F10389**

**P-Max 4 holes solenoid valve**

*Discontinued, available until stock runs out*

**X74027**

# ULTRASONICS OVERVIEW OF IRRIGATION LINES

Device	Corresponding lines	Code Nr.	Designation
<ul style="list-style-type: none"> <li>Suprasson P-Max (Lux) Range I (1)</li> <li>Prophy Max™ (Lux) Range I (2)</li> <li>P5 Newtron® XS (LED) + Sterikit (3)</li> <li>Suni 2<sup>nd</sup> generation (4)</li> <li>Suni Max (5)</li> <li>Trans'care Max (6)</li> </ul> 		F57370	10 universal irrigation lines kit sterile, single-use with integrated cassette
<ul style="list-style-type: none"> <li>Piezotome® (7)</li> <li>Piezotome® 2 (8)</li> <li>ImplantCenter™ (9)</li> <li>ImplantCenter™ 2 (10)</li> <li>Piezotome® Solo (LED) (11)</li> <li>I-Surge former generation (12)</li> <li>I-Surge (13)</li> <li>EndoCenter (14)</li> </ul> 		F57374	1 autoclavable irrigation line + 10 sterile perforators
		E57374	Autoclavable irrigation line
		F57372	10 disposable sterile perforators
<ul style="list-style-type: none"> <li>P-Max Newtron® (Lux) Range II (15)</li> <li>Prophy Max™ Newtron® (Lux) Range II (16)</li> </ul> 		F59752	10 Newtron double-lines kit
		F59756	10 Newtron single-lines kit
<ul style="list-style-type: none"> <li>Suni 1<sup>st</sup> generation (17)</li> </ul> 		F34700	5 Suni irrigation lines kit - old generation -
		F34702	10 Suni irrigation lines kit - old generation -
<ul style="list-style-type: none"> <li>I-Surge+ (18)</li> <li>HT-Implant (19)</li> </ul> 		F28750	Irrigation lines (x10)

## POLISHERS



## TABLETOP UNITS

prophy **M**ax



### PROPHY MAX™

Combinated device with ultrasonics and airpolisher

**F11610**

Delivered with a PropyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g), an autoclavable Newtron handpiece, a double footswitch.

### PROPHY MAX™ WITH AN IRRIGATION KIT

Combinated device with ultrasound and polisher

**F11653**

Delivered with a PropyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g), an autoclavable Newtron handpiece, a zip handpiece cord with spray adjustment, a double footswitch and an irrigation kit.

### IMPORTANT

You will find all the information about ultrasonics accessories (tips, handpieces, etc) [on pages 18 to 31 and 34-35.](#)

air **M**ax

**CONNECTION :**  
230V + Ø4x6 mm water  
and air pipes  
Provide connection for hoses:  
inner diameter: 4 mm,  
outer diameter: 6 mm.



### AIR MAX

Airpolisher

**F11400**

Delivered with a PropyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g).

## ACCESSORIES

### PROPHY MAX™ AND AIR MAX ACCESSORIES



#### Blue PropyPen

Disconnectable polisher handpiece (bayonet)  
Delivered with a 135° titanium nozzle and an autoclavable universal wrench.

**F10554**



#### White PropyPen

Disconnectable polisher handpiece (bayonet)  
Delivered with a 135° titanium nozzle and an autoclavable universal wrench.

**F10557**



#### Titanium nozzle 135° Ø 0,6 mm

**F10552**



#### Probe Ø 0,7 mm

for nozzle cleaning

**E96221**



#### Probe Ø1 mm

for handpiece body cleaning

**F10208**



#### Multifunctions double footswitch

for Propy Max™

**F00055**



#### 2 PropyPen o-rings + 1 nozzle o-ring kit

**F10374**



#### 4 o-rings kit for PropyPen handpiece cord

**F10375**

**air N GO**  
*easy*



**AIR-N-GO® easy**

The new generation of dual purpose Air Polisher: SUPRA and PERIO

- AIR-N-GO® easy with KaVo\* adapter **F10100**
- AIR-N-GO® easy with Sirona\* adapter **F10101**
- AIR-N-GO® easy with W&H\* adapter **F10102**
- AIR-N-GO® easy with Bien-Air\* adapter **F10103**
- AIR-N-GO® easy with Midwest\* adapter **F10105**

Delivered with a convertible AIR-N-GO easy handpiece, a SUPRA nozzle, 1 intro kit of 20g bags of «CLASSIC» and «PEARL» powders, 1 maintenance kit (replacement o'rings, syringe of silicone grease with brushes, cannula, cleaning drill).

\*KaVo, Sirona, W&H, Bien-Air and Midwest are registered trademarks.



AIR-N-GO easy brochure

**AIR-N-GO® EASY ACCESSORIES**



**AIR-N-GO® easy PERIO KIT**

**F10120**

Turns your handpiece into a Perio system to treat periodontal disease (tooth & implants) on pockets from 3 to 8 mm.

Delivered with a AIR-N-GO easy nozzle and a bottle of AIR-N-GO PERIO glycine powder.



**AIR-N-GO® SUPRA nozzle**

**F10125**

For all prophylaxis supra-gingival treatments.



**AIR-N-GO® PERIO easy nozzle**

**F10126**

Turns your handpiece into a Perio system to treat non surgical periodontal disease (tooth & implants) in pockets from 3 to 8 mm.



**AIR-N-GO® PERIO nozzle**

**F10127**

Turns your handpiece into a Perio system to treat non surgical periodontal disease (tooth & implants) in pockets from 8 to 10 mm.



**AIR-N-GO® PERIO Maintenance nozzle**

**F10128**

Turns your handpiece into a system to treat periodontal disease (tooth & implants) in pockets until 4 mm.



**AIR-N-GO® easy maintenance kit**

**F10121**



POWDERS

ACCESSORIES

POWDER - BOTTLES



**AIR-N-GO® «CLASSIC» powder**  
4 bottles (250g)

Peppermint  
Lemon  
Raspberry  
Cola  
Neutral

**F10250**  
**F10251**  
**F10252**  
**F10253**  
**F10254**



**4 flavors AIR-N-GO® «CLASSIC» powder**  
4 bottles (250g)

**F10255**



**AIR-N-GO® «PEARL» powder**  
4 bottles (250g)

**F10262**



**AIR-N-GO® «PERIO» powder**  
3 bottles (160g)

**F10270**

POWDER - STICKS



**AIR-N-GO® «CLASSIC» powder**  
50 sticks (20g)

Peppermint  
Lemon  
Raspberry  
Cola  
Neutral

**F10256**  
**F10257**  
**F10258**  
**F10259**  
**F10260**

**AIR-N-GO® «PEARL» powder**  
50 sticks (20g)

**F10263**

AIR-N-GO® ACCESSORIES (1<sup>st</sup> generation)



**120° AIR-N-GO® SUPRA nozzle**

**F10212**



**AIR-N-GO® PERIO nozzle**

**F10210**



**AIR-N-GO® short head (hygienist)**

**F10218**



**AIR-N-GO® long head**

**F10219**



**AIR-N-GO® SUPRA tank**

**F10213**



**AIR-N-GO® PERIO tank**

**F10216**



**AIR-N-GO® support + 3 blue**

**F10209**



**AIR-N-GO® tanks support**

**F10275**

## ACCESSORIES

### AIR-N-GO® ACCESSORIES (1<sup>st</sup> generation)



**KaVo\* adapter**

**F10240**



**Sirona\* adapter**

**F10241**



**W&H\* adapter**

**F10242**



**Bien-Air\* adapter**

**F10243**



**Midwest\* adapter**

**F10245**



**Ø0.5 mm AIR-N-GO® SUPRA probe**

**F10207**



**Ø1 mm AIR-N-GO® SUPRA probe**

**F10208**



**AIR-N-GO® PERIO probe**

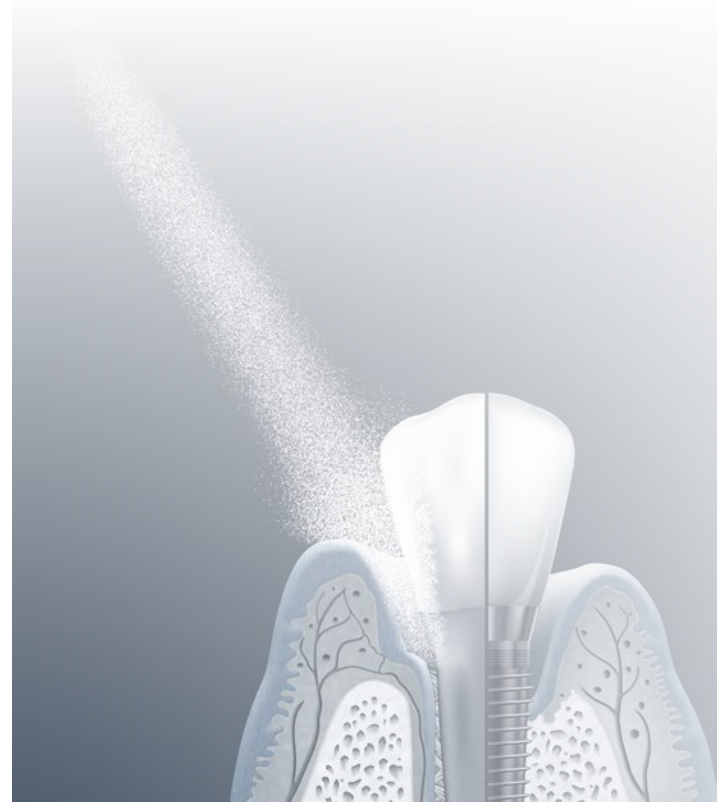
**F10206**

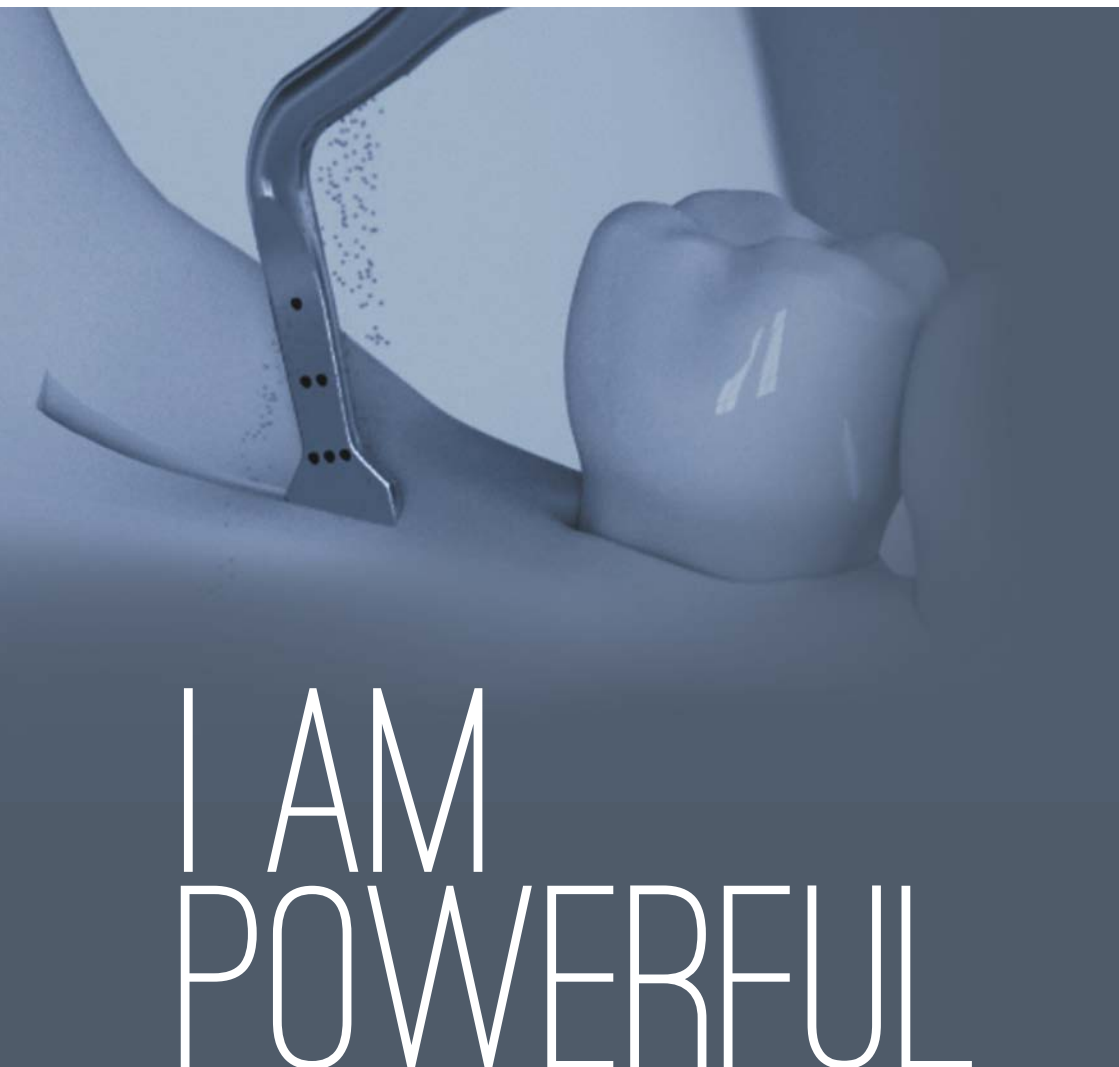


**AIR-N-GO® o'rings kit**

**F10205**

\*KaVo, Sirona, W&H, Bien-Air and Midwest are registered trademarks.





## SURGERY





**FUNCTIONS**

- I-Surge: implantology
- Piezotome: bone surgery
- Newtron: conventional treatments (perio, endo, ...)

CONNECTION : 230V

**IMPLANT CENTER™ 2**

F27200 ■

Delivered with a LED motor, a LED motor cord, a progressive footswitch, 2 brackets, 2 handpiece holders, 2 sterilizable irrigation Unit lines and 30 perforators.

**WARNING:**

Some accessories adapted to Piezotome 2, Implant Center 2 and Piezotome Solo are not compatible with the first generation Piezotome and Implant Center, and vice-versa.



*This system is designed exclusively for dental surgery and implant procedures performed at a dental practice. The use of the device in a hospital or clinic operating theatre constitutes a use that is excluded from the device's regulatory framework.*



Implant Center™ progressive footswitch

F27120 ■

Implant Center™ 2 progressive footswitch

F27170 ■

Support for motor or handpiece

F02463 ■

Implant Center™ bracket

E27113 ■

**ACCESSORIES FOR IMPLANT CENTER™ 2 WITH LED MOTOR**



I-Surge LED light micro-motor

F27210 ■



Disconnectable I-Surge LED micro-motor cord

F27211 ■



20:1 Bien-Air\* LED contra-angle (green ring)

F36132 ■

**ACCESSORIES FOR IMPLANT CENTER™ 2 WITH NON LED MOTOR**



I-Surge micro-motor

F27123 ■



Disconnectable I-Surge micro-motor cord

F27124 ■



Disconnectable I-Surge micro-motor cord + micro-motor

F34450 ■



Mont Blanc 20:1 Anthogyr\* contra-angle green ring (non LED)

F36140 ■



Atomizer dropper for Mont Blanc 20:1 Anthogyr\* contra-angle

F36141 ■

\* Bien-Air and Anthogyr are registered trademarks.

**PIEZOTOME**  
Piezo.Ultrasonic.Surgery.Unit



**FUNCTIONS**

- Piezotome: bone surgery
- Newtron: conventional treatments (perio, endo, ...)

**CONNECTION :**  
230V

**PIEZOTOME® 2**

**F57400**

Delivered with a progressive footswitch, 2 brackets, 2 handpiece holders, 2 sterilizable irrigation lines and 30 perforators.

**PIEZOTOME**  
Piezo.Ultrasonic.Surgery.Unit



**FUNCTIONS**

- Piezotome: bone surgery

**PIEZOTOME® SOLO**

**F57500**

Delivered with a footswitch, a bracket, a handpiece holder, a Piezotome Solo handpiece, a Essential II kit with BS1 S II, BS4 II, SL1 II, SL2 II, SL3 II, LC2 II tips, a Piezotome dynamometric wrench, 2 sterilizable irrigation lines and 15 perforators.

**PIEZOTOME® SOLO LED**

**F57510**

Delivered with a footswitch, a bracket, a handpiece holder, a Piezotome Solo LED handpiece, a Essential II kit with BS1 S II, BS4 II, SL1 II, SL2 II, SL3 II, LC2 II tips, a Piezotome dynamometric wrench, 2 sterilizable irrigation lines and 15 perforators.

**CONNECTION :**  
230V

**WARNING:**

Some accessories adapted to Piezotome 2, Implant Center 2 and Piezotome Solo are not compatible with the first generation Piezotome and Implant Center, and vice-versa.



# ACCESSORIES

## IMPORTANT

The handpieces are equipped with keyway systems to prevent a Piezotome® (Bone Surgery, Sinus Lift, Extraction, etc.) insert from being screwed onto a Newtron® handpiece or a classic insert (scaling, periodontics, endodontics, etc.) from being screwed onto a Piezotome® handpiece.

- 
Piezotome® handpiece + cord **F57321**
- 
Newtron® handpiece **F12281**
- 
Newtron® cord  
for Piezotome® and Implant Center™ **F57305**
- 
Newtron® cord  
for Piezotome® 2 and Implant Center™ 2 **F12850**
- 
Piezotome® LED handpiece + cord **F12815**
- 
Light ring for Piezotome® 2 and  
Piezotome® Solo LED handpieces **F12821**
- 
Newtron® LED handpiece  
For Piezotome® 2 and Implant Center™ 2 **F12609**
- 
Newtron® LED cord  
for Piezotome® 2 and Implant Center™ 2 **F12830**
- 
Piezotome® Solo handpiece  
+ cord **F57509**
- 
Piezotome dynamometric wrench **F57350**

# ACCESSORIES



**Implant Center™ cart**  
Dimensions (DxWxH) : 66 x 54 x 79 cm **F27125**  
3 glass trays : 60 x 50 cm  
connections for water and electricity.



Piezotome® 2 pack (without tip) **F87523**

Delivered with an autoclavable Piezotome® 2 handpiece with cord and a Piezotome® dynamometric wrench



Sterilization box **F27156**



10 universal irrigation lines  
steriles, single-use  
with integrated cassette **F57370**



1 autoclavable irrigation line  
+ 10 sterile perforators **F57374**



Autoclavable irrigation line **E57374**



10 disposable sterile perforators **F57372**



Irrigation line clip **E57353**



Piezotome® 2 progressive footswitch **F57404**



Piezotome® Solo and  
Piezotome® Solo LED footswitch **F57504**

Bracket  
for Implant Center™, Implant Center™ 2,  
Piezotome® 2, Piezotome® Solo and Piezotome® Solo LED **E27113**

# OSTEOTOMY - OSTEOPLASTY



## BONE SURGERY (BS) PACK

Livré avec une boîte de stérilisation, une handpiece Piezotome® et son cord autoclavables, un kit BS et une clé dynamométrique Easytorque.

BS Pack

**F87300**

BS Pack 2

**F87500**



## Bone Surgery Kit

BS1, BS2L, BS2R, BS4, BS5, BS6 tips, an autoclavable metal support, an autoclavable universal wrench.

BS Kit

**F87309**

## Bone Surgery Kit 2

BS1S II, BS2L II, BS2R II, BS4 II, BS5 II, BS6 II tips, an autoclavable metal support, an autoclavable universal wrench.

BS Kit 2

**F87509**

Bone Surgery kit support

**X88454** **X88456**



## Saws

BS1 - Straight  
BS2L - Left angled  
BS2R - Right angled

**F87301**  
**F87302** **F87502**  
**F87303** **F87503**



BS1S «Slim» - Depth of cut 9 mm

**F87525**

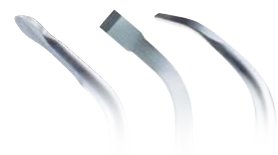
BS1L «Long» - Depth of cut 15 mm with autoclavable universal wrench

**F87527**



BS1 RD - Rounded saw, 280° of active surface

**F87557**



## Scalpels

BS4  
BS5  
BS6

**F87304** **F87504**  
**F87305** **F87505**  
**F87306** **F87506**

# SINUS LIFT



## SINUS LIFT (SL) PACK

Delivered with an autoclavable Piezotome handpiece with cord, a SL kit and a Piezotome dynamometric wrench.

SL Pack

**F87310**

SL Pack 2

**F87510**



## Sinus Lift Kit

SL1, SL2, SL3, SL4, SL5 tips, an autoclavable metal support, an autoclavable universal wrench.

SL Kit

**F87319**

SL Kit 2

**F87519**

Sinus Lift kit support

**X88455** **X88457**



## Sinus Lift tips

SL1  
SL2  
SL3  
SL4  
SL5

**F87311** **F87511**  
**F87312** **F87512**  
**F87313** **F87513**  
**F87314** **F87514**  
**F87315** **F87515**



## FOR FURTHER INFORMATION

Catalogue « SURGERY TIPS - POWER & SECURITY »

**D00611**



# INTRALIFT™

# EXTRACTION

## INTRALIFT™ PACK

Delivered with an autoclavable Piezotome® handpiece with cord, an Intralift kit, an autoclavable universal wrench.

Intralift™ Pack

**F87330**

Intralift™ Pack 2

**F87530**



## EXTRACTION PACK

Delivered with an autoclavable Piezotome handpiece with cord, an Extraction kit and a Piezotome dynamometric wrench.

Extraction Pack

**F87340**

Extraction Pack 2

**F87540**



## Intralift™ Kit

TKW1, TKW2, TKW3, TKW4, TKW5 tips, an autoclavable metal support, an autoclavable universal wrench

Intralift™ Kit

**F87336**

Intralift™ Kit 2

**F87536**



## Extraction Kit

LC1, LC1-90°, LC2, LC2L, LC2R, NINJA tips, an autoclavable metal support, an autoclavable universal wrench.

Extraction Kit

**F87346**

Extraction Kit 2

**F87546**

Intralift™ kit support

**X88458**

Extraction kit support

**X88459**

## Intralift™ tips



TKW1 - Conical tip  $\varnothing$ 1.35mm (pilot drilling) **F87331 F87531**

TKW2 - Cylindrical tip  $\varnothing$ 2.1mm (preliminary drilling) **F87332 F87532**

TKW3 - Cylindrical tip  $\varnothing$ 2.35mm (preliminary drilling) **F87333 F87533**

TKW4 - Cylindrical tip  $\varnothing$ 2.8mm (secondary drilling) **F87334 F87534**



## Extraction tips

LC1 **F87307 F87507**

LC1 90° **F87341 F87541**

LC2 **F87342 F87542**

LC2L **F87343 F87543**

LC2R **F87344 F87544**

TKW5 - Non cutting "trumpet" tip (sinus membrane elevation) **F87335 F87535**



TKW6 - Sinus membrane elevation  $\varnothing$ 4,2 mm **F87538**



Ninja®

**F87345 F87545**

## FOR FURTHER INFORMATION

Catalogue « SURGERY TIPS - POWER & SECURITY »

**D00611**





# CROWN EXTENSION

# CREST SPLITTING



**CROWN EXTENSION PACK**  
 Delivered with an autoclavable  
 Piezotome handpiece with cord,  
 a Crown Extension kit and a  
 Piezotome® dynamometric wrench.

Crown Extension Pack  
**F87350**  
 Crown Extension Pack 2  
**F87550**



**Crown Extension Kit**  
 CE1, CE2, CE3, BS6 tips, an  
 autoclavable metal support, an  
 autoclavable universal wrench.

CE Kit  
**F87354**  
 CE Kit 2  
**F87554**

Crown Extension kit support  
**X88460**



**Crown Extension tips**  
 CE1 - Diamond-coated spherical tip  
 ø1.75mm  
 CE2 - Diamond-coated spherical tip  
 ø1.20mm  
 CE3 - Diamond-coated straight tip  
 on 5mm (laser mark placed at  
 3mm: biologic width)

**F87351 F87551**  
**F87352 F87552**  
**F87353 F87553**



BS6  
**F87306 F87506**



**CREST SPLITTING PACK**  
 Delivered with an autoclavable  
 Piezotome® LED handpiece with cord,  
 a Crest Splitting kit and a Piezotome  
 dynamometric wrench.

Crest Splitting Pack 2  
**F87560**



**Crest Splitting Kit**  
 CS1 II, CS2 II, CS3 II, CS4 II, CS5 II,  
 CS6 II tips, an autoclavable metal  
 support, an autoclavable universal  
 wrench.

CS Kit 2  
**F87567**

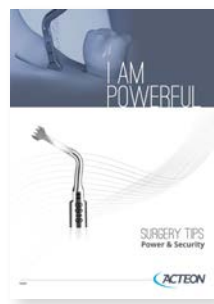
Crest Splitting kit support  
**X88464**



**Crest Splitting tips**  
 CS1  
 CS2  
 CS3  
 CS4  
**F87561**  
**F87562**  
**F87563**  
**F87564**



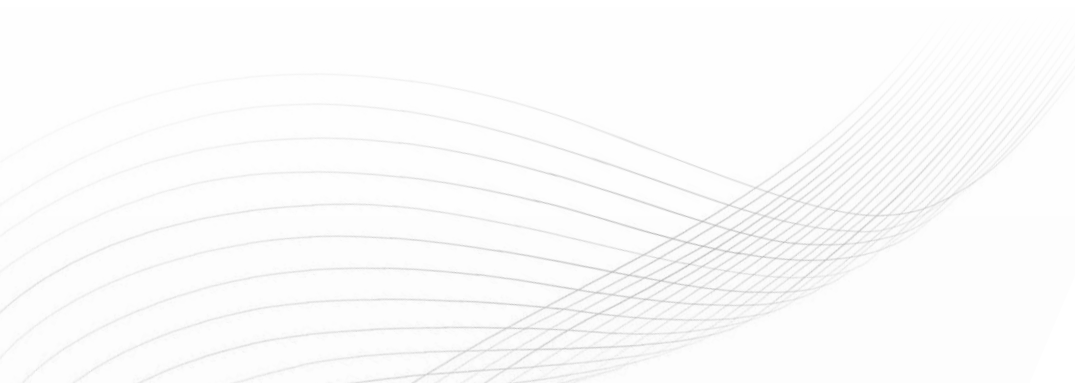
CS5  
 CS6  
**F87565**  
**F87566**



## FOR FURTHER INFORMATION

Catalogue « SURGERY TIPS - POWER & SECURITY »

**D00611**



## PIEZOCISION™

## PACKS AND KITS

**NEW**

### PIEZOCISION™ PACK

Delivered with an autoclavable Piezotome® LED handpiece with cord, a Piezocision™ kit and a universal wrench.

**F87570**



### ESSENTIAL PACK

Delivered with an autoclavable Piezotome® II handpiece with cord, an Essential II kit with BS1S II, BS4 II, LC2 II, SL1 II, SL2 II, SL3 II tips and a Piezotome dynamometric wrench.

**F87529**



### Piezocision™ Kit

Delivered with PZ1, PZ2L, PZ3R, PZ3 tips, an autoclavable metal support and an universal wrench.

**F87576**



### Essential Kit

BS1S II, BS4 II, LC2 II, SL1 II, SL2 II, SL3 II tips, an autoclavable metal support, an autoclavable universal wrench.

**F87528**

### Piezocision™ kit support

**X88472**



### NEWTRON® PERIO PACK

Delivered with an autoclavable Newtron handpiece, an autoclavable Newtron cord, a Newtron Perio kit and a Piezotome® dynamometric wrench.

Newtron® Perio Pack

**F87320**

Newtron® LED Perio Pack

**F87520**

### Piezocision™ tips

**PZ1** - Anterior corticotomies.

**F87571**

**PZ2L** (left oriented)  
Lateral corticotomies on patient's right vestibular arch.

**F87572**

*To be used with pendulum motion*

**PZ2R** (right oriented)  
Lateral corticotomies on patient's left vestibular arch.

**F87573**

*To be used with pendulum motion*

**PZ3** - Anterior corticotomies for root proximity concerns.

**F87574**

### NEWTRON® RETRO PACK

Delivered with an autoclavable Newtron® handpiece, an autoclavable Newtron® cord, a Newtron® Retro kit with S12-70D, AS6D, ASLD, ASRD tips and a Piezotome® dynamometric wrench.

**F87322**

### NEWTRON PACK (without tip)

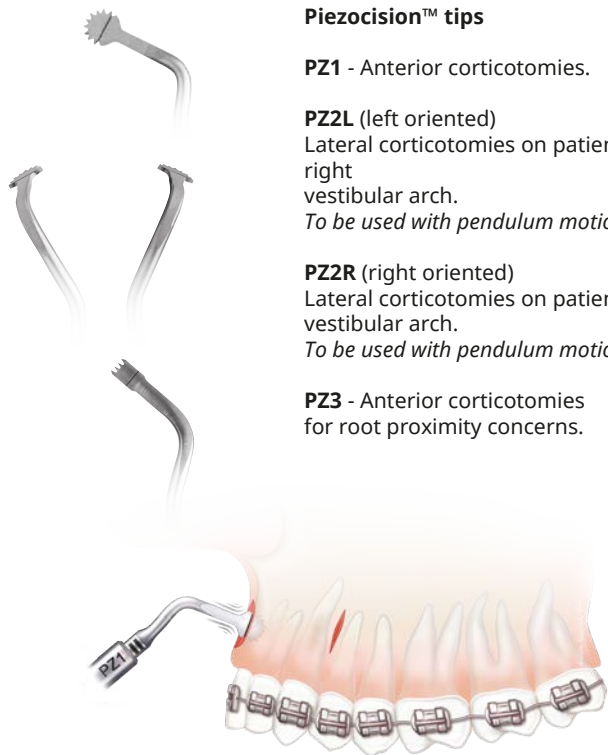
Delivered with an autoclavable Newtron® handpiece, an autoclavable Newtron® cord and a Piezotome® dynamometric wrench.

**F87324**

### NEWTRON PACK 2 (without tip)

Delivered with an autoclavable Newtron® LED handpiece, an autoclavable Newtron® LED Piezotome® 2 cord and a Piezotome® dynamometric wrench.

**F87524**



## NEWTRON® KITS

68



### Newtron® Perio Kit

H1, H2L, H2R, H3, H4L, H4R tips,  
an autoclavable metal support,  
an autoclavable universal wrench.

F87321 ■ ■

ACTEON EQUIPMENT



### Newtron® Micro-Retro Kit

P14D, P15LD, P15RD tips,  
an autoclavable metal support,  
an autoclavable universal wrench.

F87325 ■ ■



### Newtron® Retro Kit

S12-70D, AS6D, ASLD, ASRD tips,  
an autoclavable metal support,  
an autoclavable universal wrench.

F87326 ■ ■



### Newtron® Kit support

X88451 ■ ■

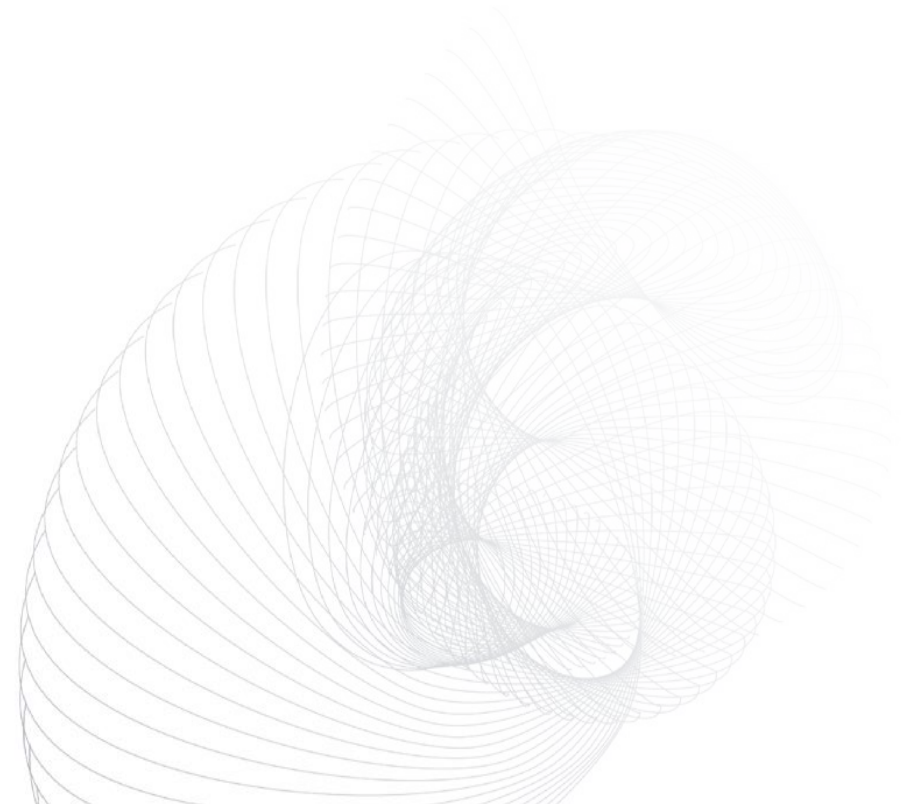
### IMPORTANT

Single Perio tips : pages 20 and 21.

Single Retro and Micro-Retro : pages 22 and 23.

69

ACTEON EQUIPMENT



## IMPLANT MOTORS

### I-SURGE™ ACCESSORIES

	<b>Non-autoclavable «Implant» micromotor</b> for I-SURGE™	<b>F28971</b>
	<b>Autoclavable «Implant» micromotor</b> for I-SURGE™	<b>F28970</b>
	<b>Mont Blanc 20:1 Anthogyr* contra-angle green ring</b> (non LED)	<b>F36140</b>
	<b>Atomizer dropper</b> for Anthogyr* Mont Blanc 20:1 contra-angle	<b>F36141</b>
	<b>Footswitch</b> for I-SURGE™ non-autoclavable micromotor	<b>F28965</b>
	<b>Multifunction footswitch</b> for I-SURGE™ autoclavable micromotor	<b>F28966</b>
	<b>10 universal irrigation lines</b> sterile, single-use with integrated cassette	<b>F57370</b>
	<b>1 autoclavable irrigation line</b> + 10 sterile perforators	<b>F57374</b>
	<b>Autoclavable irrigation line</b>	<b>E57374</b>
	<b>10 disposable sterile perforators</b>	<b>F57372</b>
	<b>Irrigation line clip</b>	<b>E57353</b>

\*Anthogyr is a registered trademark.



**I-SURGE™ power supply**

**F28955**



**Bracket**

**F28967**



**Micromotor holder**  
white silicone

**F02463**

### I-SURGE™+ (former generation) and HT-IMPLANT ACCESSORIES



**HT-Implant motor and cord**

**F28702**



**I-Surge+ footswitch**

**F28966**



**HT-Implant footswitch**

**F28965**



**Irrigation lines (x10)**

**F28750**

### SUNI MOTOR ACCESSORIES



**5 Suni irrigation lines kit**

**F34700**



**10 Suni irrigation lines kit**

**F34702**

**Autoclavable straight cord for ST26**  
*Discontinued, available until stock runs out*

**F33605**

MISCELLANEOUS MOTORS ACCESSORIES



Pack of IML micro-motor o'rings

**F29100**



Box micro-motor carbon brushes (x2)

**F29101**



IML motor lamp

**F29204**



Black coiled cord  
for former auto-ventilated motor  
*Discontinued, available until stock runs out*

**F33604**





**SERVOTOME® II**  
**High frequency electro surge** for orthodontics, periodontics  
 and other oral surgery **F57210**

Delivered with a single footswitch, a box with 10 electrodes, a conductive bracelet.

**ACCESSORIES**



Conductive bracelet **F57226**



Electrode holder **F00476**



Electrode holder cord (2 m) **F00475**



Servotome® II capacitive coupler **F00485**



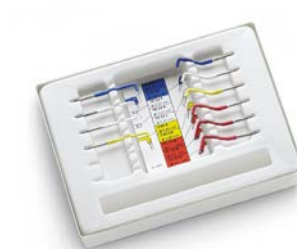
ST3055/Servotome®/ Trans'Care capacitive  
 coupler **F00461**  
*Discontinued, available until stock runs out*



Servotome® II footswitch **F00059**



Servotome® Classic footswitch **F00039**



10 electrodes kit **F10440**

10 electrodes + 1 electrode holder kit **F10472**



I 22 S **F10421**



I 22 CA **F10422**



TR 22 L **F10424**



TR 22 R **F10425**



TR 22 T **F10427**



FC 25 B **F10428**



FC 32 B **F10429**



FC 10 N **F10430**



I 40 S **F10431**



I 40 CA **F10432**

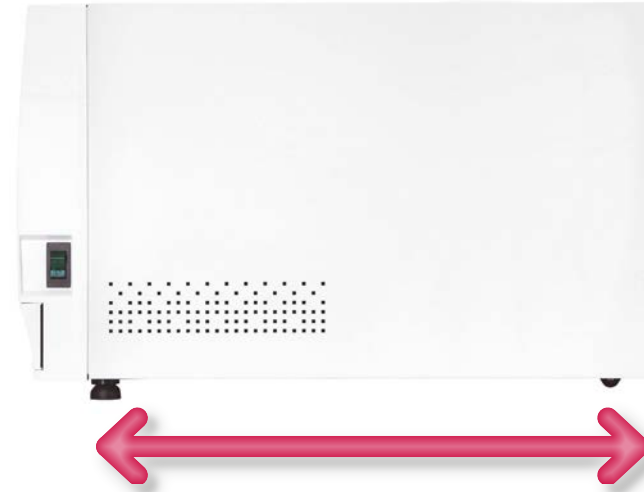
# STERILIZATION





**Class B steam autoclave**

- Shorter cycles.
- Sterilizes all load types.
- Anti-condensation effect.
- Fractionated vacuum drying.
- User-friendly and intuitive touch screen.
- Automatic door closing/opening.



**QUAZ® 5.17**

Chamber volume: 17L

**F03908**

Delivered with 5 sterilization trays, a inox tray remover, an inox support 5 trays, a tube for filling distilled water, a tube for emptying waste water and SD memory card.

**QUAZ® 6.17** *(Discontinued, available until stock runs out)*

Distilled water quality sensor. Chamber volume: 17L

**F03924**

Delivered with 5 sterilization trays, a inox tray remover, an inox support 5 trays, a tube for filling distilled water, a tube for emptying waste water and SD memory card.

External dimensions :  
460 mm (W) x 570 mm (D) x 425 mm (H)

**CONNECTION :**  
230V

**QUAZ® 5.24**

Chamber volume: 24L

**F03935**

Delivered with 5 sterilization trays, a inox tray remover, an inox support 5 trays, a tube for filling distilled water, a tube for emptying waste water and SD memory card..

**QUAZ® 6.24**

Distilled water quality sensor. Chamber volume: 24L

**F03936**

Delivered with 5 sterilization trays, a inox tray remover, an inox support 5 trays, a tube for filling distilled water, a tube for emptying waste water and SD memory card..

External dimensions :  
460 mm (W) x 715 mm (D) x 425 mm (H)

**CONNECTION :**  
230V



## ACCESSORIES

### QUAZ® DEM



**Quaz® Dem 5.30**  
Demineralizer with distilled water  
quality sensor  
compatible with Quaz® 5.17 and 5.24  
**F03931**

**Quaz® Dem 6.30**  
Demineralizer  
compatible with Quaz® 6.17 and 6.24  
**F03932**

**Filter cartridge 30"**  
for Quaz® Dem 5.30 and 6.30  
**F03933**

**Filter cartridge 20"**  
for Quaz® Dem 5.20 and 6.20  
**F03914**

**Filter cartridge 10"**  
for Quaz® Dem 5.10 and 6.10  
**F03919**

### QUAZ® SEALER



**Quaz® sealer**  
Thermo-sealer  
**F03930**

**Seal test**  
(x100)  
**F03937**



**Roll support 400mm**  
**F03938**

**Roll support 600 mm**  
**F03939**



## ACCESSORIES

### QUAZ® ACCESSORIES



**Quaz Print**  
Barcode printer (on labels)  
**F03927**



2 stickers rolls + 2 ribbons  
for Quaz Print  
**F03928**



Printer "Quaz printer" 230V  
*Discontinued, available until stock runs out*  
**F03909**



Sterilization box  
**F03912**



Tube for automatic filling  
**F03910**

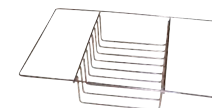


Tube for automatic emptying  
**F03911**



Bacteriological filter  
**F03904**

### VELA 170 ACCESSORIES

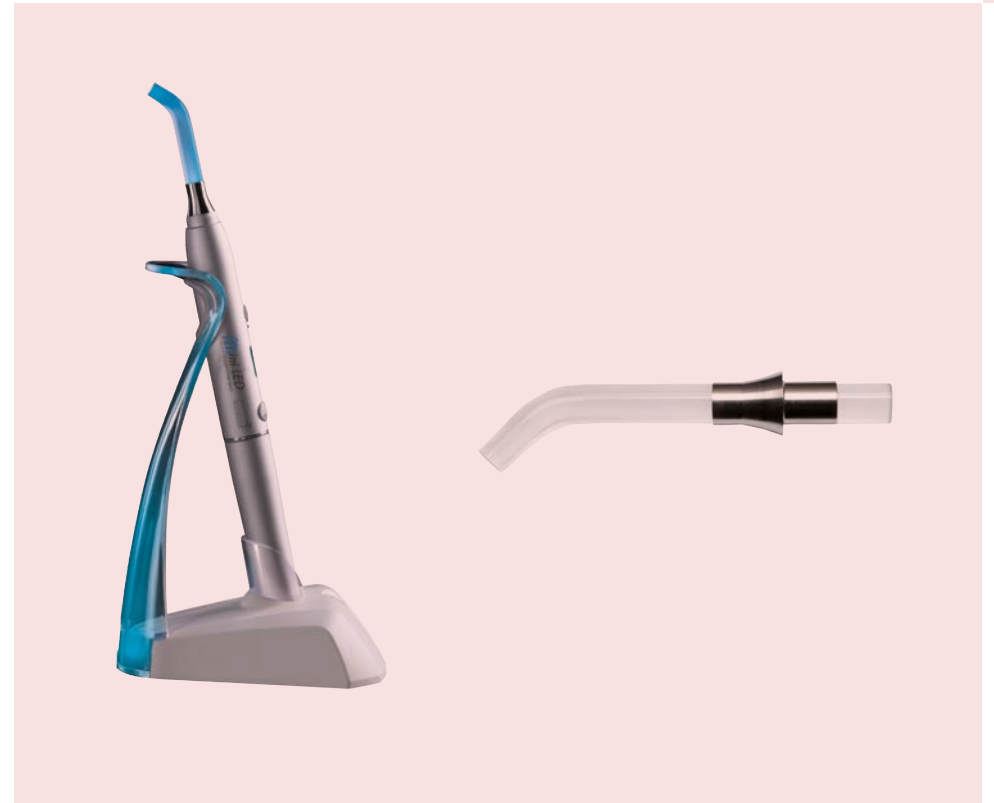


Vela 170 carrier for sterilization bags  
**E03558**



Vela 170 tube + male connector  
(filling vacuum)  
**E03648**

# POLYMERIZATION



CURING LIGHTS

CURING LIGHTS

Curing lights  
Wavelength: 420 - 480 nm

Li-Ion battery  
Handpieces : anodized aluminium



*Mini LED*  
SuperCharged

**Mini LED™ SuperCharged**

**F05214**

Delivered with a handpiece, a battery, a battery charger, a power supply + 4 plugs, a Ø7.5mm opalescent light guide and light shield.

**ACCESSORIES**

Mini LED™ SuperCharged handpiece

**F05217**



Charger

**F02917**



Titanium battery

**F05211**



Universal power supply

**F05216**



Oval light shield

**F05407**



Opalescent light guide Ø7.5mm

**F02648**



Opalescent light guide Ø5.5 mm

**F02652**



5 autoclavable caps Ø7.5 mm

**F61507**



5 autoclavable caps Ø5.5 mm

**F61505**



2x5 autoclavable caps Ø5.5mm and Ø7.5mm

**F61515**



*Mini LED*  
ORTHO 2

**Mini LED™ Ortho 2**

**F05220**

Delivered with a handpiece, a Ø5.5mm opalescent guide, a power supply + 4 plugs, a battery, a battery charger and an oval light shield.

**ACCESSORIES**

Mini LED™ Ortho 2 handpiece

**F05219**



Charger

**F02917**



Titanium battery

**F05211**



Universal power supply

**F05216**



Oval light shield

**F05407**



Opalescent light guide Ø7.5mm

**F02648**



Opalescent light guide Ø5.5 mm

**F02652**



5 autoclavable caps Ø7.5 mm

**F61507**



5 autoclavable caps Ø5.5 mm

**F61505**



2x5 autoclavable caps Ø5.5mm and Ø7.5mm

**F61515**

CURING LIGHTS

ACCESSORIES



Mini L.E.D.

**Mini LED™ Standard**

**F02507**

Delivered with a Mini LED handpiece, a battery, a battery charger, a power supply cord with european plug, a Ø7.5mm opalescent guide and an oval light shield.



Wavelength: 420 - 480 nm  
 Li-Ion battery  
 Handpiece : anodized aluminium

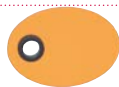
**ACCESSORIES**

Mini LED™ handpiece **F02530**

Mini LED™ charger **F02510**

Mini LED™ titanium battery **F02520**

Mini LED™ European power supply **F02543**



Mini LED™ oval light shield **F02555**



Opalescent light guide Ø7.5mm **F02648**



Opalescent light guide Ø5.5 mm **F02652**



5 autoclavable caps Ø7.5 mm **F61507**



5 autoclavable caps Ø5.5 mm **F61505**



2x5 autoclavable caps Ø5.5mm and Ø7.5mm **F61515**

**For Mini LED™ SuperCharged, Mini LED™ Ortho 2 and Mini LED™ AutoFocus 2**



Charger

**F02917**



Titanium battery

**F05211**



Universal power supply

**F05216**



Oval light shield

**F05407**

**For Mini LED™, Mini LED™ SuperCharged, Mini LED™ Ortho 2**



Opalescent light guide Ø7.5mm

**F02648**



Opalescent light guide Ø5.5 mm

**F02652**

**For Mini LED™ AutoFocus 2**



Opalescent light guide Ø7.5mm

**F02647**



Opalescent light guide Ø5.5 mm

**F02653**

**For all Mini LEDs**



5 autoclavable caps Ø7.5 mm

**F61507**



5 autoclavable caps Ø5.5 mm

**F61505**



2x5 autoclavable caps Ø5.5mm and Ø7.5mm

**F61515**

### FORMER GENERATIONS

#### For Mini LED™ AutoFocus



Power supply

**F02940**



Opalescent light guide Ø7.5mm

**F02654**



Battery

**F02901**

Charger

*Discontinued, available until stock runs out*

**F02910**



5 autoclavable caps Ø7.5 mm

**F61516**

#### For Mini LED™ Advantage

Handpiece

*Discontinued, available until stock runs out*

**F02460**

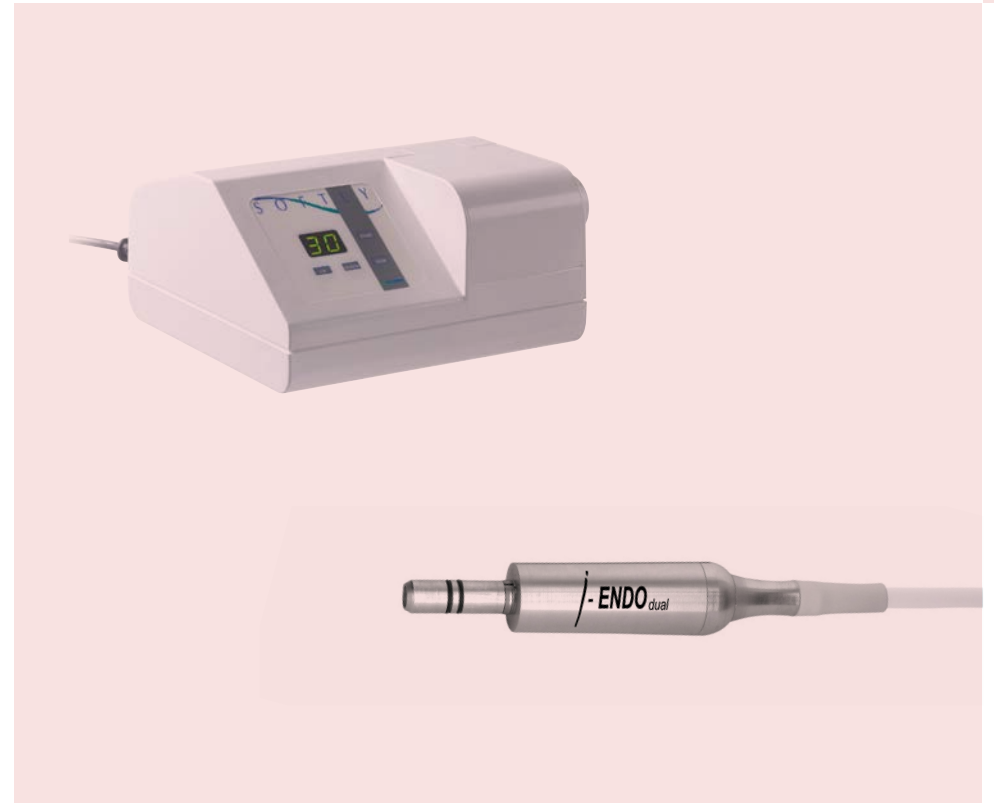
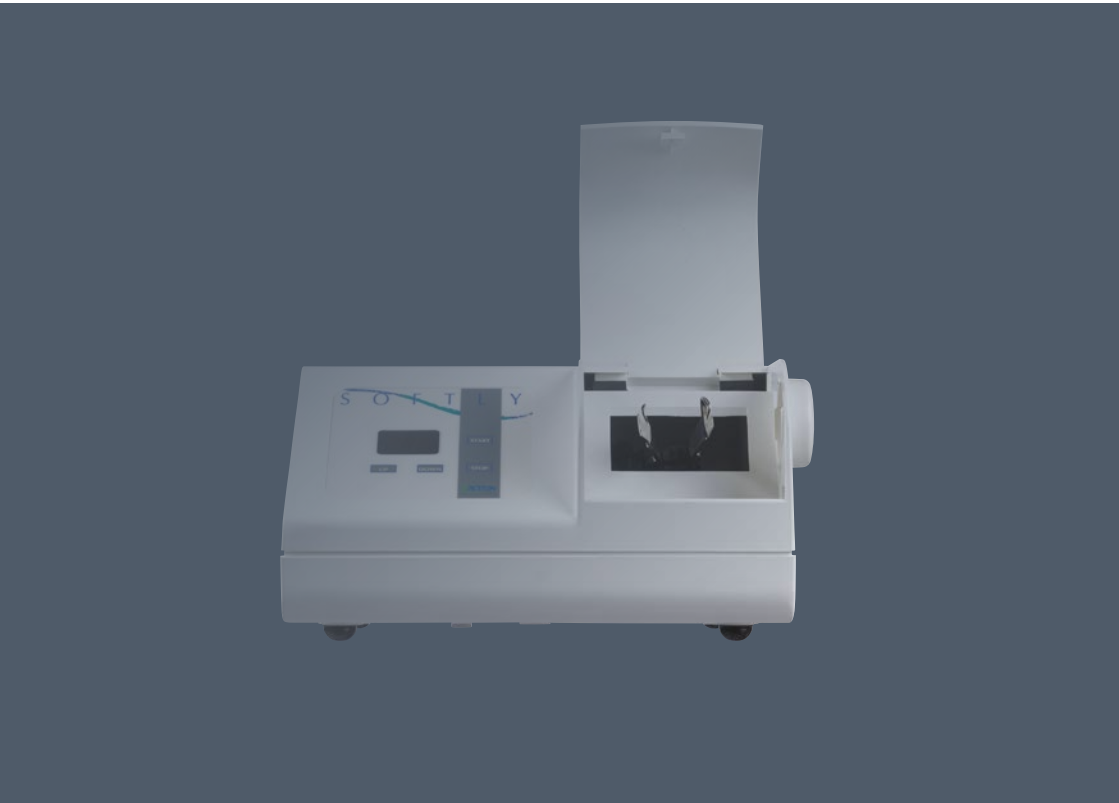


CEE power supply

*Discontinued, available until stock runs out*

**F02458**

## MISCELLANEOUS



AMALGAMATOR

MISC. ACCESSORIES

# Softly

Pre-measured capsules amalgamator



**F03160**

**SOFTLY**

Dimensions:  
210 x 205 x 120mm (D x W x P)  
Weight: 3.1kg

**CONNECTION :**  
230V

## COCOON HYGIENIST LED ACCESSORIES



Light motor

**F28600**



Medium grey cord  
for light and IS motors

**F33711**



IS/IML light grey silicone straight cord  
without spray adjustment  
For non LED Cocoon Hygienist (former range)  
*Discontinued, available until stock runs out*

**F33514**

## TRANS'CARE ACCESSORIES



Light motor

**F28600**



Light motor black coiled cord

**F33713**

### ENDOCENTER AND ENDODUAL ACCESSORIES



ENDO micromotor

**F28920**



ENDOCENTER multifunction footswitch

**F28951**



ENDODUAL single footswitch

**F28911**



10 universal irrigation lines  
sterile, single-use with integrated cassette

**F57370**



1 autoclavable irrigation line  
+ 10 sterile perforators

**F57374**



10 disposable sterile perforators

**F57372**



ENDODUAL power supply

**F28915**



ENDOCENTER power supply

**F28955**



ENDOCENTER bracket

**F28967**



Handpiece holder  
silicone

**E60108**

### I-ENDO DUAL ACCESSORIES (former range)



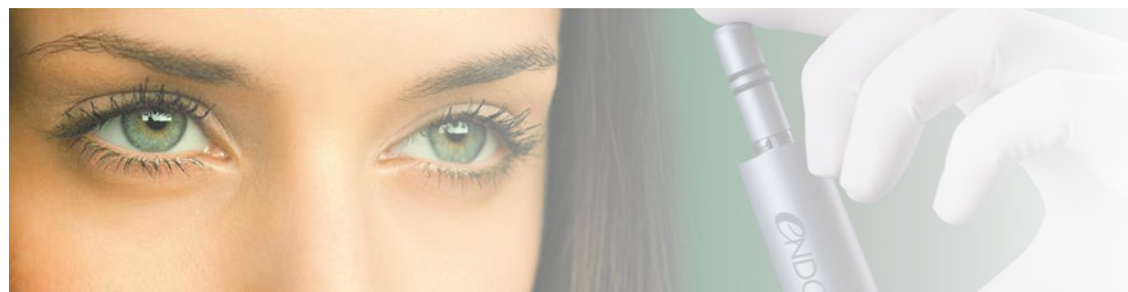
I-Endo Dual motor + cord

**F28850**



I-Endo Dual footswitch

**F28911**





ACTEON® Imaging, a member of ACTEON® Group, is born from the merger between SOPRO® and DeGötzen.

The « Low Dose » concept, «X-Mind™ unity + Sopix® Inside» brings to life, the actual and future synergies between those two companies.

The X-Mind™ range that was marketed under the SATELEC® (ACTEON® Equipment) brand now belongs to the ACTEON® Imaging division.



<b>Intraoral radiology .....</b>	<b>99</b>
X-ray generators .....	100
Digital radiology system by phosphor plate.....	108
Digital radiology sensors .....	112
<b>Extraoral radiology .....</b>	<b>117</b>
Panoramic.....	118
Upgradeable 3 in 1 .....	122
CBCT .....	128
<b>Imaging color systems .....</b>	<b>131</b>
Diagnostic tools.....	132
Intraoral cameras.....	136
Docking stations .....	140
Accessories .....	142
Cables .....	144
Screen.....	145
Connections.....	146



## INTRAORAL RADIOLOGY

99



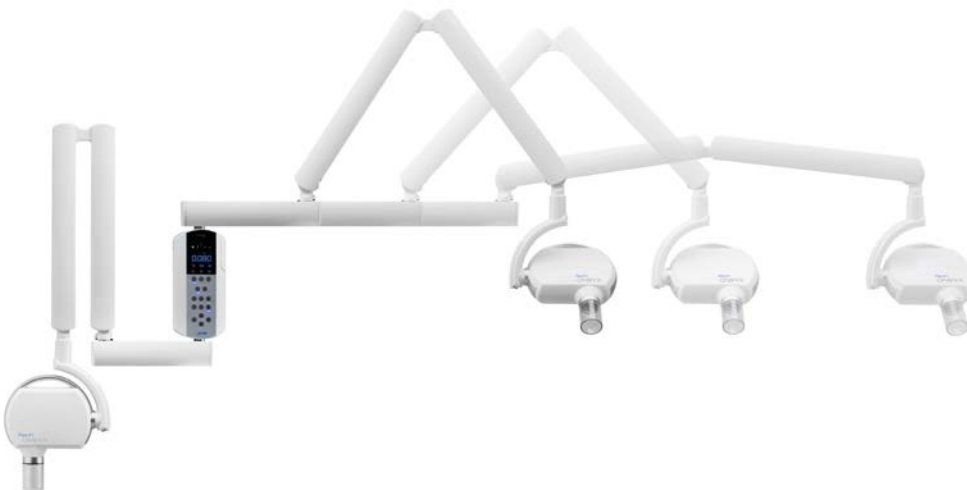
# X MIND unity



## Intraoral X-Ray

- 0.4 mm focal spot
- Configurable radiological settings (time, mA, kV)
- Ace – Reducing patient dose by up to 50 %
- Top and bottom mounting

X-Mind™ unity is pre-wired for integration of the SOPIX<sup>2</sup> digital sensor. Delivered with a long cone in standard version.



## X-MIND™ UNITY - TOP MOUNTING

### Short cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800000  
W0800001  
W0800002

### Long cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800003  
W0800004  
W0800005

### Square cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800006  
W0800007  
W0800008

## X-MIND™ UNITY - BOTTOM MOUNTING

### Short cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800009  
W0800010  
W0800011

### Long cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800012  
W0800013  
W0800014

### Square cone

- Extensor 40 cm
- Extensor 80 cm
- Extensor 110 cm

W0800015  
W0800016  
W0800017

Complete intraoral radiology system, without SOPIX inside or SOPIX<sup>2</sup> inside options (pages 114 and 115).

**X-MIND™ UNITY ACCESSORIES**



X-Mind™ unity short cone

**W0800018**



X-Mind™ unity long cone

**W0800019**



X-Mind™ unity square cone

**W0800020**



X-Mind™ unity tubehead

**W0800022**



X-Mind™ unity timer

**W0800023**



Polyvalent wall plate  
for X-Mind™ unity installation

**F03946**



IRIX 70 wall plate  
for X-Mind™ unity installation

**F03899**

Extensor 0.40 m X-Mind™ unity top mounting

**W0800025**

Extensor 0.80 m X-Mind™ unity top mounting

**W0800026**

Extensor 1.10 m X-Mind™ unity top mounting

**W0800027**

Extensor 0.40 m X-Mind™ unity bottom mounting

**W0800028**

Extensor 0.80 m X-Mind™ unity bottom mounting

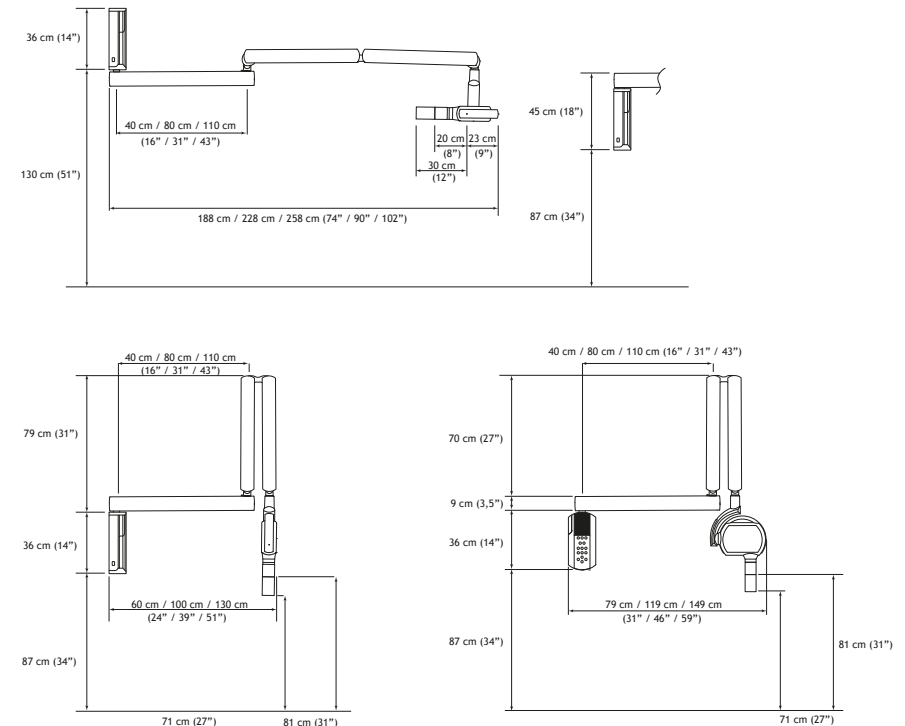
**W0800029**

Extensor 1.10 m X-Mind™ unity bottom mounting

**W0800030**

Extensor pantograph X-Mind™ unity

**W0800031**



# X-MIND DC

## Intraoral X-ray

Delivered with a generator 70KV, a pantograph, an extensor and a timer.



### X-MIND™ DC TOP MOUNTING

Extensor 0.40 m (max. distance 143 cm)	Long cone	<b>F03833</b>
Extensor 0.80 m (max. distance 184 cm)	Long cone	<b>F03824</b>
Extensor 0.80 m (max. distance 184 cm)	Square cone	<b>F03815</b>
Extensor 1.10 m (max. distance 212 cm)	Long cone	<b>F03834</b>

### X-MIND™ DC BOTTOM MOUNTING

Extensor 0.40 m (max. distance 143 cm)	Long cone	<b>F03804</b>
Extensor 0.40 m (max. distance 143 cm)	Square cone	<b>F03801</b>
Extensor 0.80 m (max. distance 184 cm)	Long cone	<b>F03808</b>
Extensor 0.80 m (max. distance 184 cm)	Square cone	<b>F03807</b>
Extensor 1.10 m (max. distance 212 cm)	Long cone	<b>F03811</b>
Extensor 1.10 m (max. distance 212 cm)	Square cone	<b>F03813</b>

### X-MIND™ DC UNIT

Column unit extensor 0.40 m	Long cone	<b>F03828</b>
-----------------------------	-----------	---------------

### X-MIND™ DC CEILING

Ceiling mounting extensor 0.40 m (standard Faro column Ø60 cm) <i>Ceiling fasteners not included</i>	Long cone	<b>F03829</b>
---	-----------	---------------

### X-MIND™ DC MOBILE

with mobile support	Long cone	<b>F03806</b>
with mobile support	Square cone	<b>F03802</b>



**CONNECTION**  
230V



X-Mind™ AC tubehead 230V **F03700**



X-Mind™ DC tubehead 230V **F03800**



X-Mind™ AC timer **F03701**



X-Mind™ DC timer **F03724**



Short cone (20 cm SSD) **F03145**

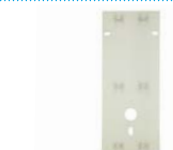


Long cone (31 cm SSD) **F03461**



Square cone (31 cm SSD) **F03144**

X-Mind™ AC/DC wall plate **F03823**



Polyvalent wall plate for X-Mind™ AC ou DC installation **F03947**

IRIX 70 wall plate for X-Mind™ AC ou DC installation **F03898**



X-Mind™ System mobile support **F03104**

## ACCESSORIES



X-Mind™ AC pantograph

**F03705**

X-Mind™ DC pantograph

**F03822**

X-Mind™ System pantograph

**F03150**

X-Mind™ AC/DC 0.40 m extensor  
for bottom mounting

**F03124**

X-Mind™ AC/DC 0.80 m extensor  
for bottom mounting

**F03125**

X-Mind™ AC/DC 1.10 m extensor  
for bottom mounting

**F03126**

X-Mind™ AC/DC 0.80 m extensor  
with pantograph and wall plate

**F03702**

X-Mind™ AC/DC 1.10 m extensor  
with pantograph and wall plate

**F03703**

X-Mind™ AC/DC 0.40 m extensor  
for top mounting

**F03720**

X-Mind™ AC/DC 0.80 m extensor  
for top mounting

**F03133**

X-Mind™ AC/DC 1.10 m extensor  
for top mounting

**F03742**

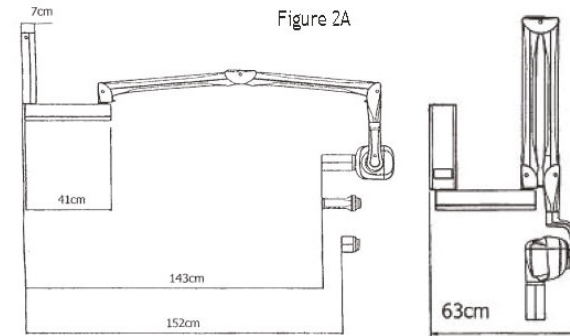
X-Mind™ System 0.40 m extensor  
for column unit

**F03128**

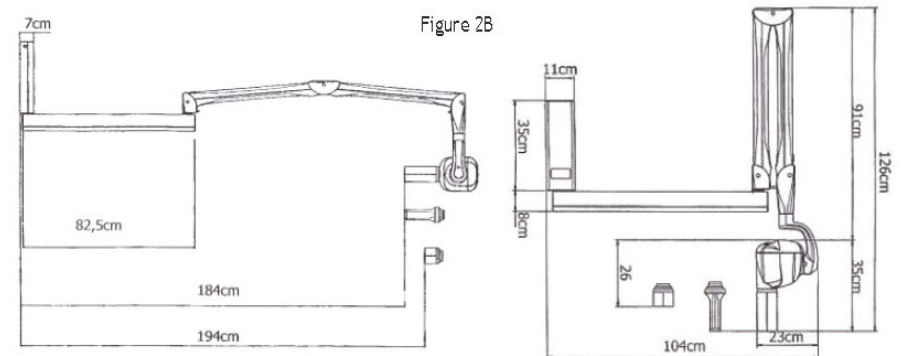
X-Mind™ System 0.40m extensor  
for ceiling mounting

**F03127**

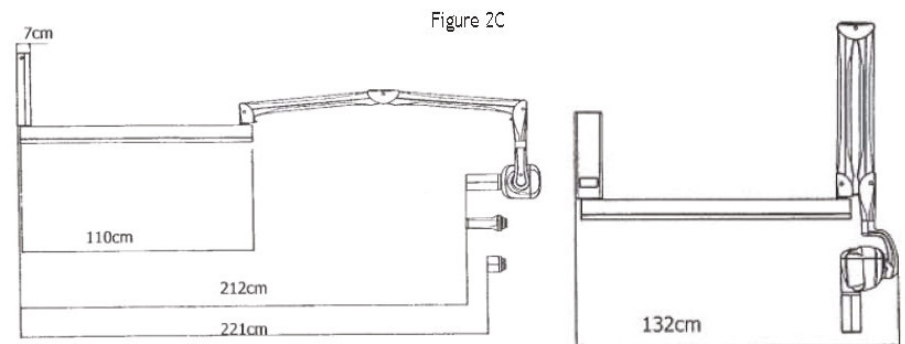
BRACKET 400



BRACKET 800



BRACKET 1100

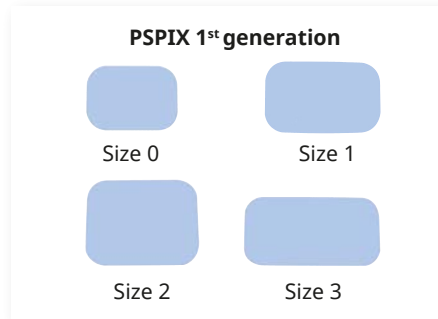


## new PSPiX

**WARANTY : 2 YEARS**



### STANDARD IMAGING PLATE



	New PSPiX Set of 2	PSPiX 1 <sup>st</sup> generation set of 6
Size 0 (22 x 35 mm)	<b>990215</b>	<b>S_700178</b>
Size 1 (24 x 40 mm)	<b>990216</b>	<b>S_700179</b>
Size 2 (31 x 41 mm)	<b>990217</b>	<b>S_700180</b>
Size 3 (27 x 54 mm)	<b>990218</b>	<b>S_700181</b>

#### NEW PSPiX® Digital imaging plate system

Includes 4 imaging plates (2 x size 1, 2 x size 2), 200 bags & covers for imaging plate (100 x size 1, 100 x size 2), an imaging plate storage box, 1 stylus for touchscreen, 10 samples of Soprowipes, 1 power supply 100-240 VAC, 1 Ethernet cable, SOPRO Imaging software and its licence.

- > Windows compatible **S\_702\_0001**
- > Mac compatible **S\_702\_0010**



New PSPiX brochure

#### WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Operating system : Windows XP Pro SP3
- Processor : Intel® Pentium IV – 1,3 GHz
- RAM : 512 Mo
- Hard disk : 250 Go
- Graphic card : 32 Mo of video RAM unshared memory compatible DirectX 9
- Screen resolution : 1024 x 768 pixels
- Ethernet board : 100 Mo/s - 1 Go/s

#### MAC® MINIMUM CONFIGURATION REQUIRED

- Computer : MacBook® Pro 13.3" or iMac 21.5"
- Operating system : Mac® OS X 10.9
- Processor : Intel® Core 2
- RAM : 2 Go
- Ethernet board : 1 Go/s

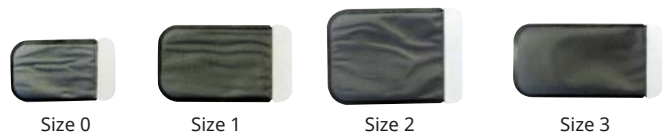
### IDOT™ IMAGING PLATE



	New PSPiX	PSPiX 1 <sup>st</sup> generation set of 6
Size 0 (22 x 35 mm)		<b>S_700182</b>
Size 1 (24 x 40 mm)		<b>S_700183</b>
Size 2 (31 x 41 mm)		<b>S_700184</b>
Size 3 (27 x 54 mm)		<b>S_700185</b>

# ACCESSORIES

## PROTECTIVE BAG FOR IMAGING PLATE



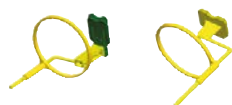
	<b>New PSPIX</b>	set of 250	<b>PSPIX 1<sup>st</sup> generation</b>	set of 250
Size 0	<b>700342L</b>		<b>700342L</b>	
Size 1	<b>700343L</b>		<b>700343L</b>	
Size 2	<b>700344L</b>		<b>700344L</b>	
Size 3	<b>700345L</b>		<b>700345L</b>	

## BAG & COVER FOR IMAGING PLATE



	<b>New PSPIX</b>	set of 300	<b>PSPIX 1<sup>st</sup> generation</b>	set of 250
Size 0	<b>700546</b>		<b>700338L</b>	
Size 1	<b>700547</b>		<b>700339L</b>	
Size 2	<b>700548</b>		<b>700340L</b>	
Size 3	<b>700549</b>		<b>700341L</b>	

## ACCESSORIES



**Positioning set for PSPIX® imaging plate**  
Includes five positioning holders with ring for bitewing and two centring devices. **S\_700195**



**Positioning set for PSPIX® imaging plate**  
Includes two positioning holders with ring for anterior teeth, two positioning holders with ring for posterior teeth and two centring devices. **S\_700196**



**Soprotabs**  
Adhesive foam tab  
(500 pieces in a single pasteboard) **700406**

## ACCESSORIES NEW PSPIX



**Bag & cover for imaging plate start up kit**  
(set of 100 pieces of size 1 and 100 pieces of size 2) **S\_700550**

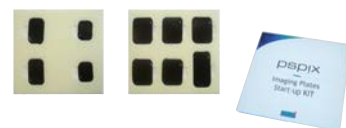


**Imaging plate storage box**  
(delivered without imaging plates) **990219**



**Stylus for PSPIX® touchscreen** **5132**

## ACCESSORIES PSPIX 1<sup>st</sup> generation



**Starter kit of standard imaging plate** **S\_700200**  
2 x size 0 (22 x 31 mm) 5 x size 2 (31 x 41 mm)  
2 x size 1 (24 x 40 mm) 1 x size 3 (27 x 54 mm)



**Starter kit of accessories** **S\_700201**  
100 Hygiene Bag and  
100 Protective Cover of each size.



**Imaging plate storage box**  
(delivered without imaging plates) **S\_700482**



**«Medical device» power supply for PSPIX®** **703004**



# DIGITAL RADIOLOGY SENSORS

## SOPIX<sup>2</sup>

WARRANTY 3 YEARS

CMOS sensor with optic fiber, theoretical resolution of 25 pl/mm, 3,70m cable. Includes ACE technology (Automatic Control Exposure). Delivered with a sensor holder, 10 sensor sheaths, SOPRO Imaging software and its licence.



**SOPIX<sup>2</sup> USB SENSOR SIZE 1** - HIGH DEFINITION for Windows



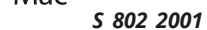
**SOPIX<sup>2</sup> USB SENSOR SIZE 2** - HIGH DEFINITION for Windows



**SOPIX<sup>2</sup> USB SENSOR SIZE 1** - HIGH DEFINITION for Mac<sup>®</sup>



**SOPIX<sup>2</sup> USB SENSOR SIZE 2** - HIGH DEFINITION for Mac<sup>®</sup>



## SOPIX

WARRANTY 3 YEARS

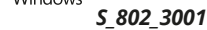
CMOS sensor with optic fiber, theoretical resolution of 25 pl/mm, 3,70m cable. Includes ACE technology (Automatic Control Exposure). Delivered with a sensor holder, 10 sensor sheaths, SOPRO Imaging software and its licence.



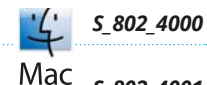
**SOPIX<sup>®</sup> USB SENSOR SIZE 1** - STANDARD DEFINITION for Windows



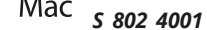
**SOPIX<sup>®</sup> USB SENSOR SIZE 2** - STANDARD DEFINITION for Windows



**SOPIX<sup>®</sup> USB SENSOR SIZE 1** - STANDARD DEFINITION for Mac<sup>®</sup>



**SOPIX<sup>®</sup> USB SENSOR SIZE 2** - STANDARD DEFINITION for Mac<sup>®</sup>



### WINDOWS<sup>®</sup> MINIMUM CONFIGURATION REQUIRED

- Operating system : Windows XP Pro SP3
- Processor : Intel Pentium IV – 1.3 GHz
- RAM : 512 MB
- Hard disk : 250 Go
- USB ports : 2 USB2 Hi-Speed ports
- Graphic card : 32 MB RAM
- USB Chipset : Intel<sup>®</sup> or NEC<sup>®</sup>/ RENESAS<sup>®</sup>
- Screen resolution : 1024 x 768

### MAC<sup>®</sup> MINIMUM CONFIGURATION REQUIRED

- Computer : MacBook<sup>®</sup> Pro 13.3" ou iMac 21.5"
- Operating system : Mac<sup>®</sup> OS X 10.6 Snow Leopard
- Processor : Intel Core 2 duo
- RAM : 2GB

### ACCESSORIES



**Positioning set for SOPIX series sensors**  
Includes five positioning holders with ring (bitewing, anterior, posterior, endo anterior, endo posterior) and five centring devices. **700042**



**Sopix<sup>2</sup>/ Sopix sensor holder**  
Size 1 or Size 2 **926039**



**Sheaths for SOPIX series sensors**  
(500 pieces in a single pasteboard)  
> for size 1 SOPIX series sensors **403026**  
> for size 2 SOPIX series sensors **403027**



**USB2.0 active repeater cable (Booster)**  
Length : 5 m **700381**



**Soprotabs**  
Adhesive foam tab  
(500 pieces in a single pasteboard) **700406**



### Sopro<sup>®</sup> Imaging upgrade licence



For Windows **505019**

For Mac<sup>®</sup> **505022**

## DIGITAL RADIOLOGY SENSORS



114

### Digital X-ray Systems to integrate into X-Mind™ unity

CMOS sensor with optic fiber, theoretical resolution of 25 pl/mm, 0,70 m cable. Includes ACE technology (Automatic Control Exposure).

Delivered with a sensor holder integrated to the controller, 10 sensor sheaths, SOPRO® Imaging software and its licence.

**SOPIX®<sup>2</sup> INSIDE SENSOR SIZE 1 - HIGH DEFINITION** for Windows



**SOPIX®<sup>2</sup> INSIDE SENSOR SIZE 2 - HIGH DEFINITION** for Windows

S\_802\_5001

**SOPIX®<sup>2</sup> INSIDE SENSOR SIZE 1 - HIGH DEFINITION** for Mac®



**SOPIX®<sup>2</sup> INSIDE SENSOR SIZE 2 - HIGH DEFINITION** for Mac®

S\_802\_5003

**WARRANTY 3 YEARS**

115

### Digital X-ray Systems to integrate into X-Mind™ unity®

CMOS sensor with optic fiber, theoretical resolution of 25 pl/mm, 0,70 m cable. Includes ACE technology (Automatic Control Exposure).

Delivered with a sensor holder integrated to the controller, 10 sensor sheaths, SOPRO® Imaging software and its licence.

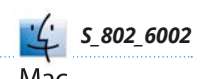
**SOPIX® INSIDE SENSOR SIZE 1 - STANDARD DEFINITION** for Windows



**SOPIX® INSIDE SENSOR SIZE 2 - STANDARD DEFINITION** for Windows

S\_802\_6001

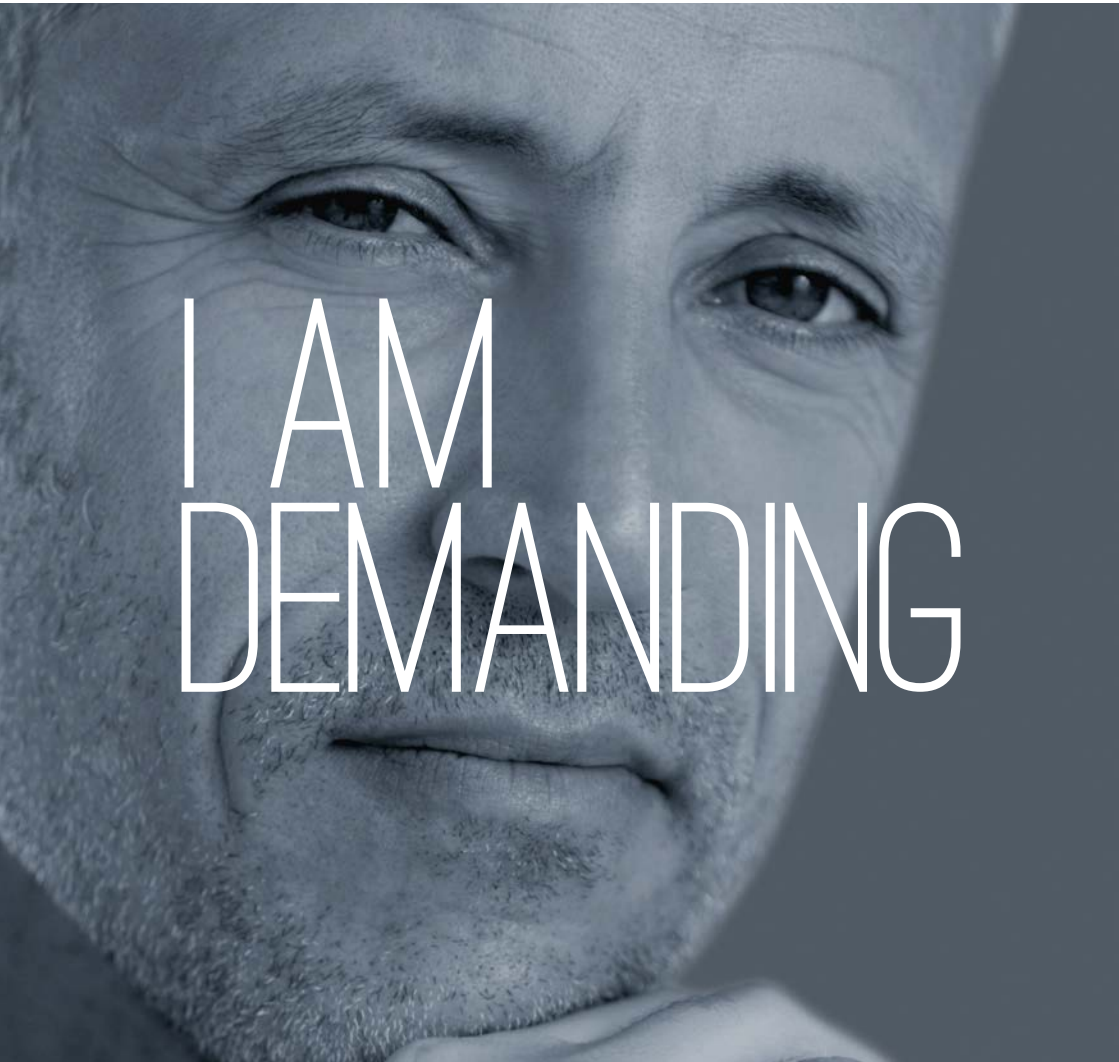
**SOPIX® INSIDE SENSOR SIZE 1 - STANDARD DEFINITION** for Mac®



**SOPIX® INSIDE SENSOR SIZE 2 - STANDARD DEFINITION** for Mac®

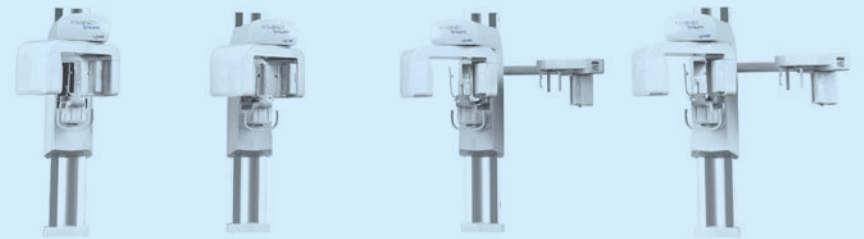
S\_802\_6003

**WARRANTY 3 YEARS**



## EXTRAORAL RADIOLOGY

117



## X MIND one

**NEW**

### Panoramic extraoral imaging system

OrthoPantoTomograph (OPG) including one high sensibility CCD Pan 2D sensor and Sopro® Imaging Software. Delivered without computer.



### X-MIND™ ONE PANO

Standard dimensions  
Short dimensions

Column height : 2315 mm  
Column height : 2225 mm

**700785**  
**700786**



Disposable bite block cover  
(200 pcs)

**700770**



Chin rest/lip support cover  
(200 pcs)

**700771**



Disposable chin cup cover  
(200 pcs)

**700772**



Chin rest assembly

**700773**



Bite block  
(10 pcs)

**700774**



Bite block rod high SRC

**700775**

Bite block rod low SRC

**700776**



Lip support

**700777**



Lip holder

**700778**



Remote exposure button upgrade kit

**700779**

118  
ACTEON IMAGING

119  
ACTEON IMAGING

## ACCESSORIES



Ball-pin test tool

**700780**



CU filter ASM 0,8

**700787**



CU filter ASM 1,8

**700788**



Adapter

**700789**



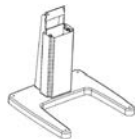
Test tool digital S 63912

**700782**



PAN layer and alignment phantom

**700790**



Exhibition stand

**700784**



UPGRADEABLE 3 IN 1

UPGRADEABLE 3 IN 1

## X MIND trium

**NEW**

### 3D imaging system

- Easily upgradeable
- Superior image processing with SHARP and STAR
- Patented Ceph collimation
- Large selection of F.O.V : Ø40x40, 60x60, 80x80 and 110x80



### X-MIND™ TRIUM PAN

Control panel on the right  
Control panel on the left

**W0900001**  
**W0900007**

OrthoPantoTomograph (OPG), 115-220 V, With One CMOS Pan 2D sensor for panoramic imaging

- Adult and Child Panoramic programs
- Improved Orthogonality
- TMJ section
- Maxillary Sinus exam

ACTEON® Imaging Suite Software, for visualisation of 2D. Compatible with the 2D radiology product of the group. Installation and user e-manuals, 2 years standard warranty.

Not included: Workstation PC and monitor, Light.

### WARRANTY EXTENSIONS

Warranty extension for 1 additional year

**W0900022**

Warranty extension for 2 additional years

**W0900023**

Warranty extension for 3 additional years

**W0900024**

### UPGRADES

X-Mind™ Trium Pan Upgrade 3D

**W0900017**

X-Mind™ Trium Pan Upgrade Ceph right 3D - Final 2 2D sensors

**W0900049**

X-Mind™ Trium Pan Upgrade Ceph left 3D - Final 2 2D sensors

**W0900050**

X-Mind™ Trium Pan Upgrade Ceph right - Final 2 2D sensors

**W0900013**

X-Mind™ Trium Pan Upgrade Ceph left - Final 2 2D sensors

**W0900014**

### X-MIND™ TRIUM PAN CEPH

CEPH left (control panel on the right) **W0900003**  
 CEPH right (control panel on the left) **W0900009**



OrthoPantoTomograph (OPG), 115-220 V, With One CMOS Ceph 2D sensor used for panoramic imaging and cephalometry.

- Adult and Child Panoramic programs
- Improved Orthogonality
- TMJ section
- Maxillary Sinus exam
- Cephalometric exam

ACTEON® Imaging Suite Software, for visualisation of 2D. Compatible with the 2D radiology product of the group.  
 Installation and user e-manuals, 2 years standard warranty.

Not included: Workstation PC and monitor, Light.

### X-MIND™ TRIUM PAN 3D

Control panel on the right **W0900004**  
 Control panel on the left **W0900010**



OrthoPantoTomograph (OPG), Cephalostat and CBCT, 115-220V With One CMOS Ceph 2D sensor for panoramic imaging and cephalometric imaging and one Flat Panel Detector for CBCT.

- Adult and Child Panoramic programs
- Improved Orthogonality
- TMJ section
- Maxillary Sinus exam
- CBCT FOV Ø40x40, Ø60x60, Ø80x80, Ø110x80

Workstation PC with standard monitor. Software preinstalled. Acteon Imaging Suite Software, for visualisation of 2D. Compatible with the 2D radiology product of the group.  
 1 Licence of AIS 3D App. 3D visualisation and Implant planning application and one floating licence.  
 Installation and user e-manuals, 2 years standard warranty.

Not included: Light.

### WARRANTY EXTENSIONS

Warranty extension for 1 additional year **W0900025**  
 Warranty extension for 2 additional years **W0900026**  
 Warranty extension for 3 additional years **W0900027**

### UPGRADES

X-Mind™ Trium Pan Ceph Upgrade 3D **W0900053**  
 X-Mind™ Trium Pan 2D sensor **W0900036**

### WARRANTY EXTENSIONS

Warranty extension for 1 additional year **W0900028**  
 Warranty extension for 2 additional years **W0900029**  
 Warranty extension for 3 additional years **W0900030**

### UPGRADES

X-Mind™ Trium Pan 3D Upgrade Ceph right - Final 2 2D sensors **W0900018**  
 X-Mind™ Trium Pan 3D Upgrade Ceph left - inal 2 2D sensors **W0900019**

### X-MIND TRIUM PAN CEPH 3D



CEPH left (control panel on the right)	<b>W0900006</b>
CEPH right (control panel on the left)	<b>W0900012</b>

- OrthoPantoTomograph (OPG), Cephalostat and CBCT, 115-220 V. With One CMOS Ceph 2D sensor for panoramic imaging and cephalometric imaging and one Flat Panel Detector for CBCT.
- Adult and Child Panoramic programs
  - Improved Orthogonality
  - TMJ section
  - Maxillary Sinus exam
  - Cephalometric exam
  - CBCT FOV Ø40x40, Ø60x60, Ø80x80, Ø110x80

Workstation PC with standard monitor. Software preinstalled.  
 ACTEON® Imaging Suite Software, for visualisation of 2D. Compatible with the 2D radiology product of the group.  
 1 Licence of AIS 3D App. 3D visualisation and Implant planning application and one floating licence.  
 Installation and user e-manuals, 2 years standard warranty.

Not included: Light.

### WARRANTY EXTENSIONS

Warranty extension for 1 additional year	<b>W0900031</b>
Warranty extension for 2 additional years	<b>W0900032</b>
Warranty extension for 3 additional years	<b>W0900033</b>

### UPGRADES

X-Mind Trium Pan 2D sensor	<b>W0900036</b>
----------------------------	-----------------



### ACTEON® IMAGING SUITE

ACTEON® Imaging Suite software	<b>W1000006</b>
1 AIS 3D App licence	<b>W1000007</b>
DICOM print licence	<b>39800751</b>
DICOM package	<b>39800756</b>

### ACCESSORIES

Pan 2D sensor	<b>W0900036</b>
Ceph 2D sensor	<b>W0900037</b>
Light 115V	<b>29701226.CW</b>
Light 120V	<b>29701225.CW</b>





### Cone Beam Computed Tomography System

- High quality image with calibrated HU
- Robust mechanical structure
- Full and precise diagnostic
- Acquisition and reconstruction in less than 2 minutes



### WHITEFOX® 230V

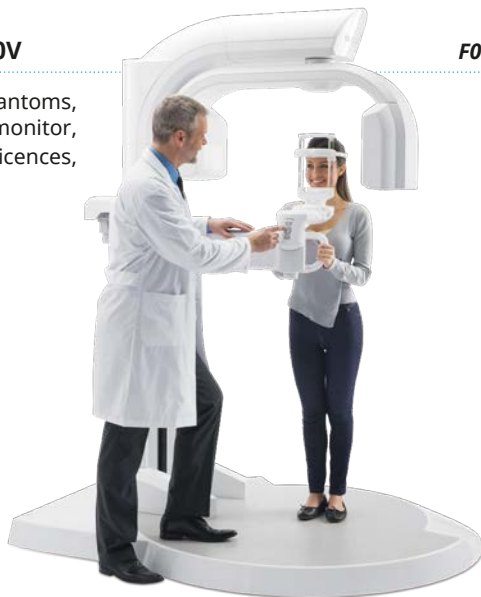
**F09001**

Delivered with calibration Phantoms, workstation PC with standard monitor, WhiteFox® Imaging software with 1+4 licences, installation manual and user's manuals. 2 year standard warranty.

### WHITEFOX® WALL MOUNTING 230V

**F09002**

Delivered with calibration Phantoms, workstation PC with standard monitor, WhiteFox® Imaging software with 1+4 licences, installation manual and user's manuals. 2 year standard warranty.



Whitefox® Imaging licence

**F09020**

Whitefox® DICOM package

**F09298**

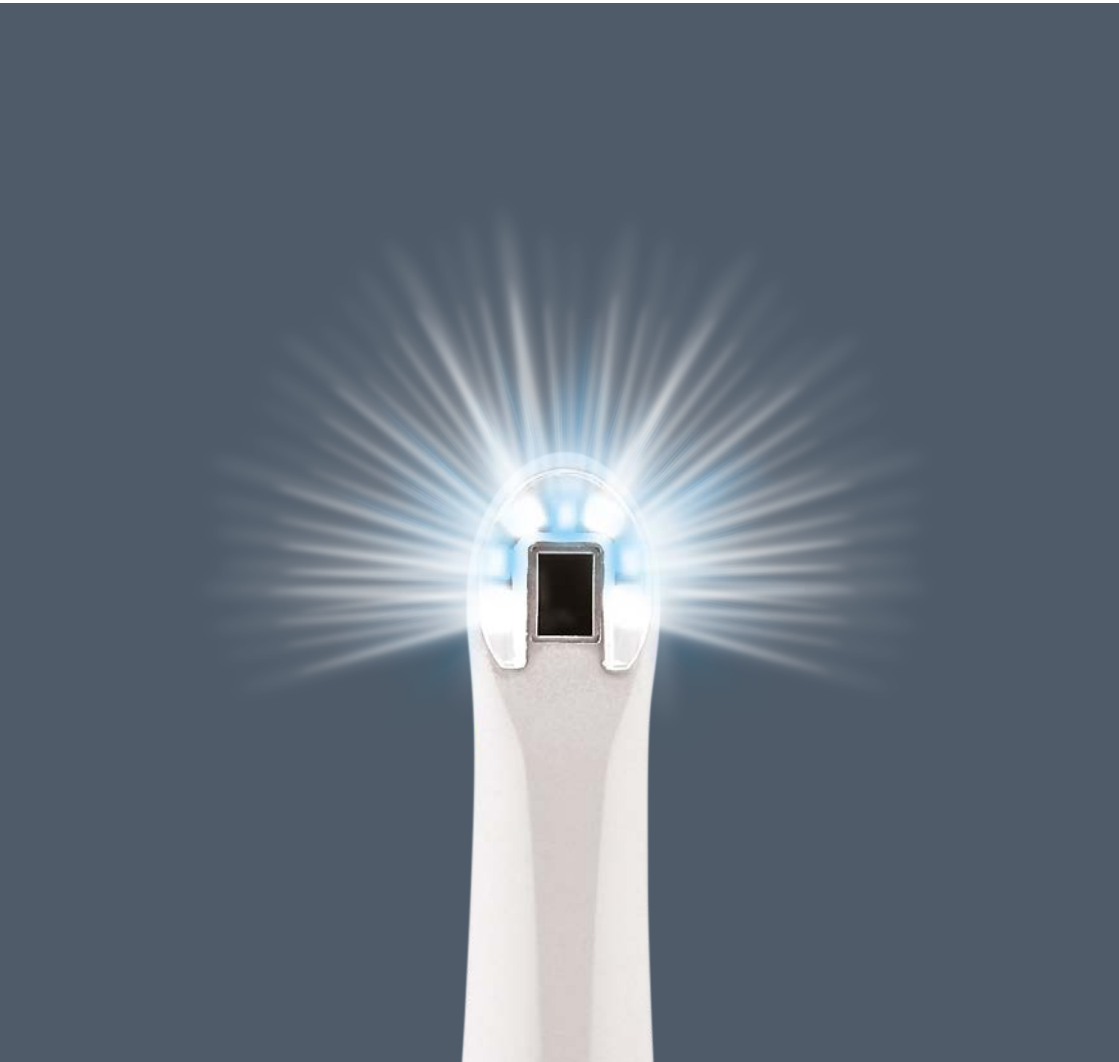
DICOM print licence version 2L

**F09299**

Warranty extension up to 5 years

Training WhiteFox Imaging - 2 days





## IMAGING COLOR SYSTEMS

131



## DIAGNOSTIC TOOLS

# SOPROCARE

WARANTY 2 YEARS

### 3 modes for 3 needs

- Highlight the old and new dental plaque, gingival inflammation and caries
- Unmatchable communication tool in the dental practice
- Fully compatible with all imaging software

Light (78g), four pre-set selections (extraoral, intraoral, one tooth, macro), lighting by LED : four white - three blue, freezing by sensitive touch «SoproTouch», CCD 1/4» high sensitivity.



SOPROCARE®  
Handpiece



S\_950\_0001

Delivered with four SOPROTIPS, a handpiece holder, SOPRO® Imaging software and its licence. Needs to be used with a docking station.

### WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Windows XP Pro SP3
- Processor Intel Pentium IV – 1.3 GHz
- RAM : 512 MB
- Hard disk : 250 GB
- 2 USB2 Hi-Speed ports
- Graphic card : 32 MB RAM unshared memory compatible DirectX 9
- USB chipset : Intel® or NEC®/ RENESAS®
- Screen resolution : 1024 x 768

### MAC® MINIMUM CONFIGURATION REQUIRED

- Computer : MacBook® Pro 13.3" or iMac 21.5"
- Operating system : MAC® OS X 10.6 Snow Leopard
- Processor : Intel Core 2 duo
- RAM : 2GB

### TECHNICAL SPECIFICATIONS - SOPROCARE

- High sensitivity : 1/4" CCD
- Resolution : (752x582) PAL, (768x494) NTSC
- Lighting : 7 LED (4 white, 3 blue)
- Adjustments : 4 pre-set positions (Extraoral, Intraoral, 1 Tooth, Macro)
- Angle of view : 70°



SOPROCARE® + Dock USB2  
(Windows or Mac®)



SOPROCARE® + Dock M\_Video



SOPROCARE® + Dock MU\_Video<sup>(1)</sup>



SOPROCARE® + Dock U\_USB2<sup>(2)</sup>  
(Windows or Mac)



SOPROCARE® + Mini Dock U\_USB2<sup>(2)</sup>  
(Windows or Mac)



SOPROCARE® + Dock M\_USB2  
(Windows or Mac®)



SOPROCARE® + Dock MU\_USB2<sup>(3)</sup>  
(Windows or Mac®)

(1) Dock MU Video : Built-in docking station with image memory .

(2) Dock U USB2/Mini Dock U USB2 : Built-in docking station with USB2 output.

(3) Dock MU USB2 : Built-in docking station with image memory and USB2 output.



## DIAGNOSTIC TOOLS



**WARANTY 2 YEARS**

### A revolutionary concept which offers you two different visions

- Save time by making a faster, accurate diagnosis
- Protect your patients by reducing the number of X-rays
- Differentiate between healthy tissue and infected tissue
- Enhance your clinical performance

Light (78g), four pre-selections (extraoral, intraoral, LIFE, macro), lighting by LED : four white - four blue, freezing by sensitive touch «SoproTouch», CCD 1/4» high sensitivity.



**SOPROLIFE®  
Handpiece**



**S\_900\_0001**

Delivered with four SOPROTIPS, a handpiece holder, SOPRO® Imaging software and its licence. Needs to be used with a docking station.

### WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Windows XP Pro SP3
- Processor Intel Pentium IV – 1.3 GHz
- RAM : 512 MB
- Hard disk : 250 GB
- 2 USB2 Hi-Speed ports
- Graphic card : 32 MB RAM unshared memory compatible DirectX 9
- USB chipset : Intel® or NEC®/ RENESAS®
- Screen resolution : 1024 x 768

### MAC® MINIMUM CONFIGURATION REQUIRED

- Computer : MacBook® Pro 13.3" or iMac 21.5"
- Operating system : MAC® OS X 10.6 Snow Leopard
- Processor : Intel Core 2 duo
- RAM : 2GB

### TECHNICAL SPECIFICATIONS - SOPROLIFE

- High sensitivity : 1/4" CCD
- Resolution : (752x582) PAL, (768x94) NTSC
- Lighting : 8 LED (White Mode: 4 LED; Blue Mode: 4 LED)
- Adjustments : 4 pre-set positions (extraoral, intraoral, LIFE, macro)
- Angle of view : 70°



**SOPROLIFE® + Dock USB2**  
(Windows or Mac®)



**SOPROLIFE® + Dock M\_Video**



**SOPROLIFE® + Dock MU\_Video<sup>(1)</sup>**



**SOPROLIFE® + Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac®)



**SOPROLIFE® + Mini Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac)



**SOPROLIFE® + Dock M\_USB2**  
(Windows or Mac®)



**SOPROLIFE® + Dock MU\_USB2<sup>(3)</sup>**  
(Windows or Mac®)

(1) Dock MU Video : Built-in docking station with image memory .

(2) Dock U USB2/Mini Dock U USB2 : Built-in docking station with USB2 output.

(3) Dock MU USB2 : Built-in docking station with image memory and USB2 output.



## INTRAORAL CAMERAS

### SOPRO 717 FIRST

- Image magnification up to 115 times in Macro mode
- Exceptional quality of image
- A successful image captured thanks to SOPROTOUCH
- Perfect integration option into the dental chair
- Compatibility with a video screen and/or a computer

**WARANTY 2 YEARS**

Very light (75g), 3 pre-selections (extraoral, intraoral, macro), no adjustment, lighting by LED (x8), freezing by sensitive touch «SoproTouch», CCD 1/4» high sensitivity.



#### SOPRO® 717 FIRST Handpiece



S\_717\_0100

Delivered with a handpiece holder, SOPRO® Imaging software and its licence. Needs to be used with a docking station.

#### WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Windows XP Pro SP3
- Processor Intel Pentium IV – 1.3 GHz
- RAM : 512 MB
- Hard disk : 250 GB
- 2 USB2 Hi-Speed ports
- Graphic card : 32 MB RAM unshared memory compatible DirectX 9
- USB chipset : Intel® or NEC®/ RENESAS®
- Screen resolution : 1024 x 768

#### MAC® MINIMUM CONFIGURATION REQUIRED

- Computer : MAC Book Pro 13.3" or iMac 21.5"
- Operating system : MAC OS X 10.6 Snow Leopard
- Processor : Intel Core 2 duo
- RAM : 2GB

#### TECHNICAL SPECIFICATIONS - SOPRO 717 FIRST

- High sensitivity : 1/4" CCD
- Resolution : (752x582) PAL, (768x494) NTSC
- Lighting : 8 LED
- Angle of view : 70°
- Adjustments : 3 pre-set positions (Extraoral, Intraoral, Macro)



**Sopro® 717 First + Dock USB2**  
(Windows or Mac®)



**Sopro® 717 First + Dock M\_Video**



**Sopro® 717 First + Dock MU\_Video<sup>(1)</sup>**



**Sopro® 717 First + Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac®)



**Sopro® 717 First + Mini Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac)



**Sopro® 717 First + Dock M\_USB2**  
(Windows or Mac®)



**Sopro® 717 First + Dock MU\_USB2<sup>(3)</sup>**  
(Windows or Mac®)

(1) Dock MU Video : Built-in docking station with image memory .  
(2) Dock U USB2/Mini Dock U USB2 : Built-in docking station with USB2 output.  
(3) Dock MU USB2 : Built-in docking station with image memory and USB2 output.

## MACROVISION



## INTRAORAL CAMERAS

### SOPRO 617



- Maximum accessibility for unequalled patient comfort
- 105° view for better exploration of the distal areas
- High-quality images
- Great depth of field
- Compatibility with a video screen and/or a computer
- Easy to use

Very light (55g), freezing by sensitive touch «SoproTouch», no adjustment, lighting by LED (x8), 105° angle of view, CCD 1/4" high sensitivity.

#### SOPRO® 617 Handpiece



Delivered with a handpiece holder, SOPRO Imaging software and its licence. Needs to be used with a docking station.

**WARANTY 2 YEARS**

Grey	<b>S_617_0001</b>
Red	<b>S_617_0022</b>
Blue	<b>S_617_0024</b>
Yellow	<b>S_617_0026</b>
Green	<b>S_617_0028</b>



**Sopro® 617 + Dock USB2**  
(Windows or Mac®)



**Sopro® 617 + Dock M\_Video**



**Sopro® 617 + Dock MU\_Video<sup>(1)</sup>**



**Sopro® 617 + Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac®)



**Sopro® 617+ Mini Dock U\_USB2<sup>(2)</sup>**  
(Windows or Mac)



**Sopro® 617 + Dock M\_USB2**  
(Windows or Mac®)



**Sopro® 617 + Dock MU\_USB2<sup>(3)</sup>**  
(Windows or Mac®)

#### WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Windows XP Pro SP3.
- Processor Intel Pentium IV – 1.3 GHz.
- RAM : 512 MB
- Hard disk : 250 GB
- 2 USB2 Hi-Speed ports
- Graphic card : 32 MB RAM unshared memory compatible DirectX 9
- USB chipset : Intel® or NEC®/ RENESAS®
- Screen resolution : 1024 x 768

#### MAC® MINIMUM CONFIGURATION REQUIRED

- Computer : MacBook® Pro 13.3" or iMac 21.5"
- Operating system : MAC® OS X 10.6 Snow Leopard
- Processor : Intel Core 2 duo
- RAM : 2GB

#### TECHNICAL SPECIFICATIONS - SOPRO 617

- High sensitivity : 1/4" CCD
- Resolution : (752x582) PAL, (768x494) NTSC
- Lighting : 8 LED
- Angle of view : 80°
- Adjustment : fixed focus

(1) Dock MU Video : Built-in docking station with image memory .  
 (2) Dock U USB2/Mini Dock U USB2 : Built-in docking station with USB2 output.  
 (3) Dock MU USB2 : Built-in docking station with image memory and USB2 output.



## DOCKING STATIONS

### DOCKING STATIONS FOR VIDEO CONNECTION



**Dock M\_Video**  
 Connection box with image memory **S\_717\_1011**  
 Equipped with Video/S-Video, delivered with one power supply 100-240 VAC, one 1.5 meters video cable, one 1.5 meters S-video cable, one 2.5 meters linking cable.



**Dock MU\_Video**  
 Built-in docking station with image memory  
*Please select the accessories for this module on page 235.*

### DOCKING STATIONS FOR WINDOWS



**Dock M\_USB2**  
 Connection box with image memory and USB2 output **S\_717\_1000**  
 Windows®  
 Equipped with Video/S-Video/USB2 outputs, delivered with one power supply 100-240 VAC, one 1.5 meters video cable, one 1.5 meters S-video cable, one 2 meters USB cable, one 2.5 meters linking cable.



**Dock MU\_USB2 Windows**  
 Built-in docking station with image memory and USB2 output **S\_717\_1000**  
 Windows®  
*Please select the accessories for this module on page 235.*



**Dock U\_USB2 Windows**  
 Built-in docking station with USB2 output **S\_717\_1000**  
 Windows®  
*Please select the accessories for this module on page 235.*



**Mini dock U\_USB2 Windows**  
 Built-in docking station with USB2 output **S\_717\_1000**  
 Windows®  
*Please select the accessories for this module on page 235.*



**Dock USB2**  
 USB2 connection box **S\_595\_1115**  
 Windows®  
 Including one USB2.0 docking station with 3.5 meters linking cable.

### DOCKING STATIONS FOR MAC



**Dock M\_USB2**  
 Connection box with image memory and USB2 output **S\_717\_2100**  
 Mac  
 Equipped with Video/S-Video/USB2 outputs, delivered with one power supply 100-240 VAC, one 1.5 meters video cable, one 1.5 meters S-video cable, one 2 meters USB cable, one 2.5 meters linking cable.



**Dock MU\_USB2 Mac**  
 Built-in docking station with image memory and USB2 output **S\_717\_2100**  
 Mac  
*Please select the accessories for this module on page 235.*



**Dock U\_USB2 Mac**  
 Built-in docking station with USB2 output **S\_717\_2100**  
 Mac  
*Please select the accessories for this module on page 235.*



**Mini dock U\_USB2 Mac**  
 Built-in docking station with USB2 output **S\_717\_2100**  
 Mac  
*Please select the accessories for this module on page 235.*



**Dock USB2**  
 USB2 connection box **S\_717\_2000**  
 Mac  
 Including one USB2.0 docking station with 3.5 meters linking cable.

## ACCESSORIES

### SOPRO® IMAGING SOFTWARE



Sopro® Imaging upgrade licence



For Windows



505019

For Mac



505022

### HANDPIECE HOLDERS



Handpiece holder for SOPROLIFE®, SOPROCARE®, Sopro® 717 First and Sopro® 617  
Only for unsheathed linking cables.

926063

### ACCESSORIES



SOPROTIPS for SOPROLIFE® and SOPROCARE®  
Protection tip against light.  
Sterilization by autoclave.  
(Set of 4 pieces)

990135

### FOOTSWITCHES



Footswitch for image memory

009002



USB2 footswitch for image memory

009009

### SHEATHS



Sheaths for SOPROLIFE®, SOPROCARE® or SOPRO® 717 FIRST  
500 pieces in a single pasteboard

403017

Sheaths for Sopro® 617  
500 pieces in a single pasteboard

403023

Sheaths for Sopro® 595  
500 pieces in a single pasteboard

403001





**Linking cable 2,5m**  
With connector on both sides  
SOPROLIFE®/Sopro® 717/Sopro® 617      **922050**

**Linking cable 5m**  
With connector on both sides  
SOPROLIFE®/Sopro® 717/Sopro® 617      **922051**

**Linking cable 7m**  
With connector on both sides  
SOPROLIFE®/Sopro® 717/Sopro® 617      **922120**

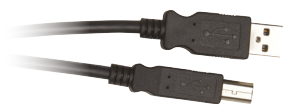


**Video cable**  
With RCA/RCA connector.  
Length : 1,5 m      **002003**



**S-video cable**  
With YC/YC connector. Length : 1,5 m      **002004**

**S-video cable**  
With YC/YC connector. Length : 5 m      **700012**



**USB2.0 cable**  
A/B type. Length : 2 m      **002081**

**USB2.0 cable**  
A/B type. Length : 5 m      **002091**

**USB2.0 cable**  
A/B type. Length : 8 m      **002123**

**Mini USB2.0 cable**  
Length : 5 m  
*Only for Dock U-USB2.*      **002148**



**USB2.0 active repeater cable (Booster)**  
Length : 5 m      **700381**

## 22" NEOVO SCREEN



## NEOVO 22" LCD MONITOR      **700545**

- Panel size: 21.5"
- Max. Resolution: FHD 1920X1080
- Pixel Pitch: 0,248 mm
- Brightness: 250 cd/m<sup>2</sup>
- Contrast Ratio: 2,000,000:1 (DCR)
- Viewing angle (H/V): 170°/160°
- Display color: 16,7 M
- Input: VGA, DVI, CVBS, S-Video, HDMI
- Mounting VESA FPMPMI: 100 x 100mm & 75 x 75mm
- Product dimensions: 513 x 369 x 155 mm (W x H x D)



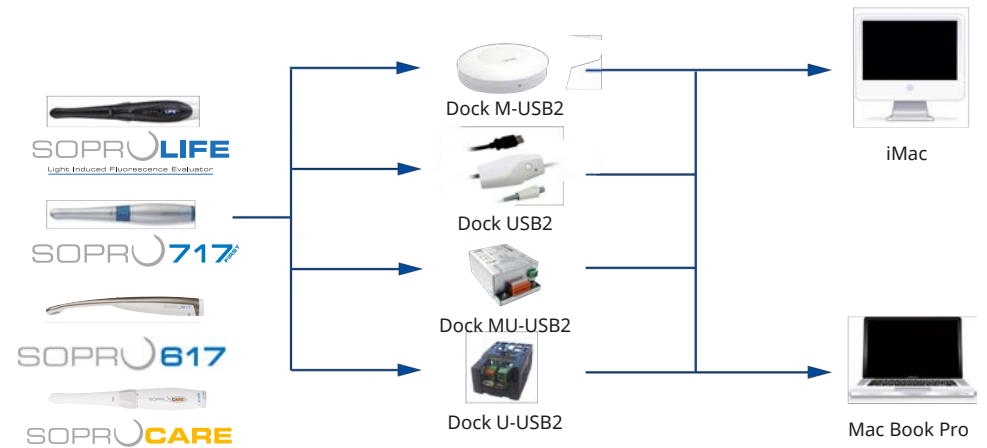
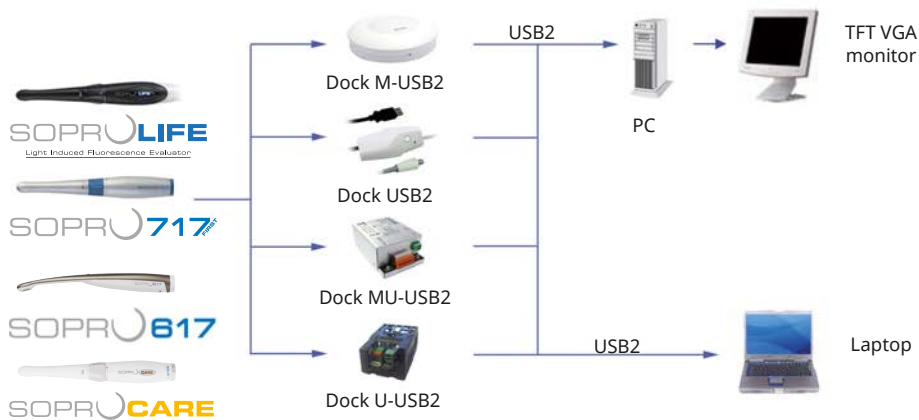
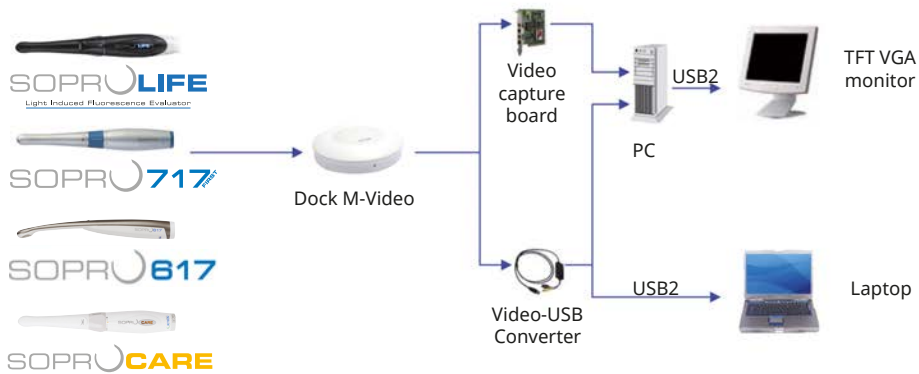
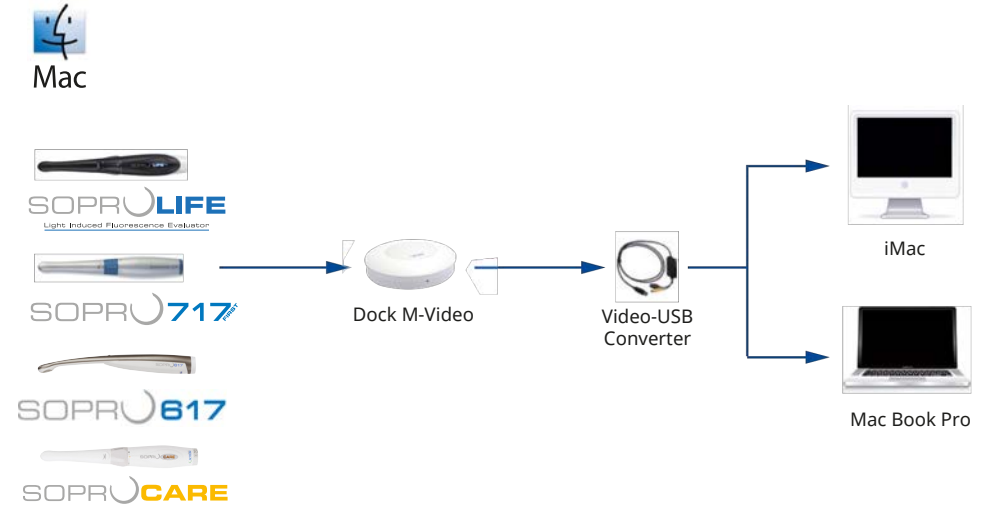
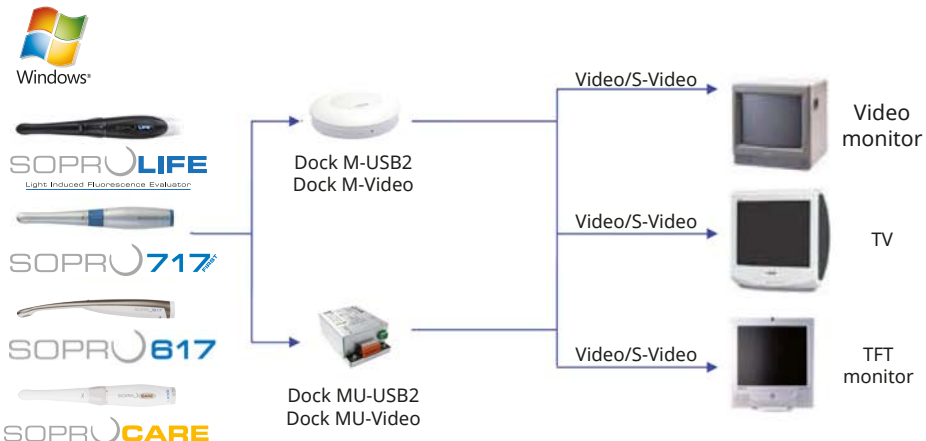
**LCD monitor arm for unit chair**  
Ø 40 to 70 mm  
VESA 75/100 fixation type      **700099**



**«Medical device» power supply**  
for NEOVO LCD monitor      **703003**

# IMAGING COLOR SYSTEMS IMAGING COLOR

## CONNECTIONS



<b>Anesthetics .....</b>	<b>151</b>
Anesthetics by refrigeration .....	152
Friijet™	
Anesthetics by infiltration .....	153
Primacaine™ adrenaline 1/100 000 / Primacaine™ adrenaline 1/200 000	
Xylorolland™ sans Vasoconstricteur / Xylorolland™ avec Adrenaline / Needles	
<b>Endodontics .....</b>	<b>167</b>
Root canal preparation.....	168
Hycal™ / Salvizol™ E.D.T.A. / Edetat / Kit Irrigation	
Root canal fillings.....	170
Cortisomol™ SP KIT/ Sealite™ Ultra KIT/ Sealite™ Regular KIT/ MTA Caps /	
Eugenol Pur / Resosolv	
Temporary fillings.....	173
Cimavit™ / Cimavit™ Photo	
<b>Proxylaxis / Periodontics .....</b>	<b>175</b>
Tissue regeneration.....	176
Biostite® / Paroguide®	
Local haemostatics .....	178
Etik™ Collagène™ / Hemostasy™ / Gingistat™	
Sutures .....	180
Stabilization for mobile teeth .....	181
Biosplint™	
Desensitizing .....	182
Tilzen™ One	
Polishing after scaling .....	183
Sitsallicine™ /	
<b>Hygiene .....</b>	<b>185</b>
Disposable tips.....	186
Riskontrol® Classic / Riskontrol® Ecologic / Riskontrol® Sterile / Riskontrol® Total Protec / Riskontrol® ART	
Riskontrol® Adapters .....	188
Gloves.....	190
Septol™ / Septol™ N.P. Aloe Vera / Septol™ N.P. Nitrile / Septol™ N.P.	
Disposable .....	192

Masques Haute Filtration (Masks) / Bibs / Hand-towels	
Hands cleaning.....	193
Septol™ Savon Doux / Septol™ Mains	
Cleaning & Disinfection.....	194
Septol™ Instruments Enzymatic / Septol™ Fraises / Septol™ Aspiration / Septol™ Lingettes / Septol™ Spray / Septol™ Empreintes	
<b>Restoration .....</b>	<b>199</b>
Cavity liner .....	200
Cav-Hycal™	
Restoration & Cements .....	201
PR Scell™ Polycarboxylate / PR Scell™ Glass-Ionomer / PR Scell™ Implant	
Temporary prosthesis .....	203
Coolsin™	
Adhesives & Etching .....	204
Gel de mordantage / Adefix™ AM	
Posts .....	205
Quick'n Post™	
<b>Sulcular opening .....</b>	<b>207</b>
Expasy™ .....	208
<b>Impression materials .....</b>	<b>211</b>
Alginates .....	212
Chromalg'x™ / Orthofast™ / Pralg'x™ / Algina spray	
Addition curing silicones .....	214
Kite Surf™ Putty Soft / Kite Surf™ Putty Soft XL / Kite Surf™ Heavy XL / Kite Surf™ Monophase XL / Kite Surf™ Regular / Kite Surf™ Basic Light / Kite Surf™ Light / Kite Surf™ Occlusion / Gumak™ Addition Putty Soft / Gumak™ Addition Light	
Additional range.....	219
Kite Surf™ Rebasage / Kite Surf™ Adhésif / Kite Surf™ Spot	

Medical devices presented in this catalog are health products stamped with the CE making, according to this regulation. The manufacturer of these medical devices is Produits Dentaires Pierre Rolland unless otherwise stated. Read carefully the instructions in the leaflet or label supplied with the product. Medical Devices marketed by Pierre Rolland are not reimbursed by health insurance organizations. Updates are available on the site: [www.acteongroup.com](http://www.acteongroup.com)  
Creation date: January 2016.



# ANESTHETICS



## FRILJET™



### Local cryoanesthesia - Pulp vitality test

#### INDICATION

- Local cryoanaesthesia for short operations (incision of abscess, extraction of deciduous teeth, roots, pyorrhoeic teeth).
- Pulp vitality test: the drop in dental enamel temperature stimulates the dental pulp (mild pain) in order to test the vitality of the tooth being tested.

#### PROPERTIES

Tetrafluoroethane exerts an anaesthetic action by cooling: rapid evaporation of this substance on the surface to which it is applied induces a marked reduction of the temperature of this surface, lasting several dozen seconds. Surface anaesthesia is induced when this temperature reduction reaches the synaptic transmission threshold.

#### DIRECTIONS FOR USE

Cryoanaesthesia: Position the cannula approximately 5cm from the area to be anaesthetised. Quickly spray the product around the treatment area. As the area cools, the mucus membrane turns white. Pulp vitality test: Soak a cotton pellet in FRILJET™. Place the impregnated cotton pellet on the enamel of the tooth for which you want to check the vitality.



This product causes the temperature of the tissues to drop to -25°C and can cause tissue necrosis if the directions for use are not complied with. Only use FRILJET™ with the cannula.

#### COMPOSITION

- Tetrafluoroethane
- Peppermint essential oil
- Ethanol

CE FRILJET™

0459 Bottle of 200g + cannula

239 803

Medical device class IIa (LNE-GMED)

## PRIMACAÏNE™

adrenaline 1/100 000



### Injectable solution for dental use

#### 1 - DENOMINATION

PRIMACAÏNE ADRENALINE 1/100 000, injectable solution for dental use.

#### 2 - QUALITATIVE AND QUANTITATIVE COMPOSITION

Articaïne 60.277mg  
in the form of articaïne hydrochloride  
Adrenaline 0.017mg  
in the form of adrenaline tartrate  
for one cartridge of 1.7ml.

For the complete list of excipients, see § 6.1

#### 3 - PHARMACEUTICAL FORM

Injectable solution for dental use.

#### 4 - CLINICAL DATA

##### 4.1 Therapeutic indications

Local or loco-regional anaesthesia in odonto-stomatological practice.

This presentation is particularly adapted when procedures require a high ischemia.

##### 4.2 Dose and mode of administration

Reserved for adult and child over 4 as this type of anaesthesia is unsuitable before this age.

##### • Dose

##### Adult

The quantity to be injected must be adapted according to the extent of the procedure. Usually, half to one cartridge for a common procedure.

Do not exceed the dose of 7mg of articaïne hydrochloride per kilogram of bodyweight.

##### Child (over 4)

The injected quantity depends on the child's age, weight and the type of procedure performed.

The maximal dose to expect is 5mg of articaïne hydrochloride (0.125ml of anaesthetic solution) per kilogram of bodyweight.

The mean dose in mg of articaïne hydrochloride that can be administered in a child can be calculated as follows: child's weight (in kilograms) x 1.33

##### Elderly subject

Administer half of the dose indicated for adults.

##### • Mode of administration

LOCAL OR REGIONAL INTRA-ORAL SUBMUCOSAL INJECTION.

Verify the absence of vascular effraction by repeated aspiration tests, particularly during

regional anaesthesia (nerve blocks).

The injection rate must not exceed 1ml of solution per minute.

#### 4.3 Contraindications

This medicine is CONTRAINDICATED

• in the case of hypersensitivity to local anaesthetics or to one of the constituents, and in the following situations:

- severe disorders of atrioventricular conduction without a pacemaker;
- epilepsy not controlled by treatment;
- porphyria.

This medicine is USUALLY UNADVISED in association with sibutramine (see § 4.5).

#### 4.4 Special warnings and precautions for use

##### • Warnings

THIS PRODUCT CONTAINS 1/100 000 ADRENALINE. Take the risk of local necrosis into account in hypertensive or diabetic subjects.

Anaesthesiophagy risks: all kind of bites (lips, cheeks, mucous, tongue); advise patients to avoid the use of chewing gum or eating food as long as the insensitivity persists.

The use of this product is not recommended in children under the age of 4 years, as this type of anaesthesia is unsuitable before this age.

Avoid injection into infected and inflamed areas (decreased efficacy of the local anaesthetic).

Sportsmen must be advised that this medicine contains an active substance that can cause a positive reaction on anti-doping control tests.

##### • Precautions for use

The use of this product requires imperatively and previously:

- to conduct a clinical interview to determine the clinical context, concomitant treatments and the patient's past history;
- to perform a test injection of 5 to 10 % of the dose in the case of a risk of allergic reaction;
- to perform the injection slowly and strictly outside of the vessels, verifying by repeated aspirations;
- to maintain verbal contact with the patient.

Increased surveillance is required in subjects treated with anticoagulants (surveillance of the INR).

Due to the presence of adrenaline, precautions and increased surveillance in case of:

- all rhythm abnormalities, except bradycardia;

- coronary insufficiency;
- severe arterial hypertension.

The dose of articaine may need to be decreased in case of severe hepatocellular insufficiency, due to the mainly hepatic metabolism of amide local anaesthetics.

The dose must also be decreased in case of hypoxia, hyperkalaemia or metabolic acidosis.

The simultaneous administration of this anaesthetic with some products (see § 4.5) requires a close monitoring of the patient's clinical and biological state.

#### 4.5 Interactions with other drugs or other forms of interactions

- Associations not recommended

Due to the presence of adrenaline:

- + Sibutramine:

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

- Associations with precautions for use

Due to the presence of adrenaline:

- + Halogenated volatile anaesthetics:

Serious ventricular rhythm abnormalities (increase of the cardiac reactivity).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

- + Imipraminic anti-depressors:

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

- + Serotonergic-noradrenergic anti-depressors (described for minalcipran and venlafaxine):

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

- + Non selective MAOI (iproniazide):

Increase of the adrenaline and nor-adrenaline's pressive action, more often moderated.

Use only under strict medicinal control.

- + "A" Selective MAOI (moclobemide, toloxatone) by extrapolation from the non selective MAOI:

Risk of increase of the pressive action.

Use only under strict medicinal control.

Associations to take into account

- + Guanethidine:

High increase of the blood pressure (hyper reactivity due to the reduction of the sympathetic tonus and/or to the inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

#### 4.6 Pregnancy and breastfeeding

- Pregnancy

The studies carried out on animals do not show any teratogenic effect.

Due to the absence of teratogenic effect on animals, a malformative effect on mankind is not expected. Indeed, until today, the substances responsible of malformations on mankind have been teratogenics on animals during studies carried out on two species.

In clinical practice, there are actually not enough relevant facts to estimate an eventual malformative or foetotoxic effect of the articaine when administered during pregnancy.

Consequently, in the odonto-stomatological indications, articaine should only be used during pregnancy if necessary.

- Breastfeeding

Like other local anaesthetics, articaine diffuses into breast milk in very small quantity; however, breastfeeding can be continued following the anaesthetic procedure.

#### 4.7 Effects on ability to drive and use machines

This product can modify the ability to drive and use machines.

#### 4.8 Undesirable effects

Like with all the anaesthetics used in odonto-stomatology, lipothymies can occur.

This product contains sodium metabisulphite, which can involve or worsen anaphylactic reactions. In the case of overdose or in certain predisposed patients, the following clinical signs may be observed:

- on the central nervous system: nervousness, agitation, yawning, tremor, apprehension, nystagmus, logorrhoea, headache, nausea, ringing in the ears. In the presence of these warning signs, the patient must be asked to hyperventilate, and attentive surveillance is required to prevent possible deterioration with seizures followed by CNS depression.

- on the respiratory system: tachypnoea, then bradypnoea, possibly leading to apnoea.

- on the cardiovascular system: tachycardia, bradycardia, cardiovascular depression with arterial hypotension, possibly leading to collapse, arrhythmias (premature ventricular complexes, ventricular fibrillation), disorders of conduction (atrioventricular block).

These cardiac manifestations can lead to cardiac arrest.

#### 4.9 Overdose

Toxic reactions, witnesses of an overdose in local anaesthetic, can occur in two situations: either immediately, due to relative overdose resulting from accidental intravenous injection, or more delayed, corresponding to true overdose due to the

use of an excessive quantity of anaesthetic.

Action in case of overdose

As soon as warning signs are observed, ask the patient to hyperventilate, place the patient in the supine position, when necessary. In the case of clonic seizures, oxygenation and injection of a benzodiazepine.

Treatment may require intubation with assisted ventilation.

### 5 - PHARMACOLOGICAL PROPERTIES

#### 5.1 Pharmacodynamic properties

Pharmacotherapeutic class: LOCAL ANAESTHETICS, ATC Code: N01BB58

The articaine hydrochloride is a local anaesthetic with an amide function, which interrupts the nerve impulse along the nerve fibre at the injection site.

The addition of adrenaline diluted at 1/100 000 to the solution of articaine delays the passage of the articaine into the systemic circulation and maintains an active tissue concentration, allowing to obtain a little hemorrhagic operative field.

The anaesthesia is achieved within 2 to 3 minutes. The duration of anaesthesia allowing the surgical procedure is about 60 minutes. It is 2 to 3 times shorter for pulpar anaesthesia.

#### 5.2 Pharmacokinetic properties

Injected in the buccal mucosa, the articaine blood concentration peak is obtained within 30 minutes after the injection.

The elimination half-life of articaine hydrochloride is about 110 minutes.

Articaine hydrochloride metabolism is mainly hepatic; 5 to 10% of the dose are eliminated under unchanged form in the urine.

#### 5.3 Preclinical safety data

Studies carried out on animals have shown the good tolerance of articaine.

Like other amide local anaesthetics, high doses of the active substance can induce toxic reactions on the central nervous system and/or cardiovascular system (see § 4.8).

### 6 PHARMACEUTICAL DATA

#### 6.1 List of excipients

Sodium chloride, sodium metabisulphite, hydrochloric acid, sodium hydroxide, water for injectable preparations.

#### 6.2 Incompatibilities

In the absence of compatibility studies, this drug should not be mixed with other drugs.

#### 6.3 Shelf life

Before opening: 2 years.

After opening: the product must be used immediately.

#### 6.4 Special storage precautions

Store at a temperature not exceeding + 25°C.

Store cartridges in the external packing and protected from light.

#### 6.5 Nature and content of external packing

1.7ml in cartridge (colourless glass of type I) with a stopper (bromobutyle) and capsule (aluminium) with seal (bromobutyle). Box of 50.

#### 6.6 Special precautions for disposal and handling

Like for all cartridges, the diaphragm will be disinfected just before use. It will be carefully plugged:

- either with ethyl alcohol at 70%,
- or with pure isopropyl alcohol at 90% for pharmaceutical use.

The cartridges must never be plunged in any solution. Do not mix the injectable solution with other products in the same syringe.

Any opened cartridge of anaesthetic solution must not be re-used.

### 7 HOLDER OF MARKETING AUTHORIZATION LABORATOIRE PRODUITS DENTAIRE PIERRE ROLLAND

Zone Industrielle du Phare  
17 avenue Gustave Eiffel  
33700 MERIGNAC - FRANCE

#### 8 FRENCH REGISTRATION ID NUMBER

564 696-5: 1.7ml in cartridge (glass) with a stopper (bromobutyle). Box of 50.

#### 9 DATE OF FIRST AUTHORIZATION/OFF RENEWAL OF AUTHORIZATION IN FRANCE

24 December 2002 / 24 December 2012

#### 10 DATE OF TEXT UP-DATING

29 December 2014

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY List I.

RESERVED FOR PROFESSIONAL DENTAL USE.

### PRIMACAÏNE™ ADRENALINE 1/100 000

Box of 50 cartridges

This product is a medicinal product and then cannot be sold without local registration

262 215

**PRIMACAÏNE™**

adrenaline 1/200 000

Injectable solution for dental use

**1 DENOMINATION**

PRIMACAÏNE ADRENALINE 1/200 000, injectable solution for dental use.

**2 QUALITATIVE AND QUANTITATIVE COMPOSITION**

Articaine 60.277mg  
in the form of articaine hydrochloride  
Adrenaline 0.0085mg  
in the form of adrenaline tartrate  
for one cartridge of 1.7ml.

For the complete list of excipients, see § 6.1

**3 PHARMACEUTICAL FORM**

Injectable solution for dental use.

**4 CLINICAL DATA****4.1 Therapeutic indications**

Local or loco-regional anaesthesia in odonto-stomatological practice.

**4.2 Dose and mode of administration**

Reserved for adult and child over 4 as this type of anaesthesia is unsuitable before this age.

**• Dose****Adult**

The quantity to be injected must be adapted according to the extent of the procedure. Usually, half to one cartridge for a common procedure.

Do not exceed the dose of 7mg of articaine hydrochloride per kilogram of bodyweight.

**Child (over 4)**

The injected quantity depends on the child's age, weight and the type of procedure performed.

The maximal dose to expect is 5mg of articaine hydrochloride (0.125ml of anaesthetic solution) per kilogram of bodyweight.

The mean dose in mg of articaine hydrochloride that can be administered in a child can be calculated as follows: child's weight (in kilograms) x 1.33

**Elderly subject**

Administer half of the dose indicated for adults.

**• Mode of administration**

LOCAL OR REGIONAL INTRA-ORAL SUBMUCOSAL INJECTION.

Verify the absence of vascular effraction by repeated aspiration tests, particularly during regional anaesthesia (nerve blocks).



The injection rate must not exceed 1ml of solution per minute.

**4.3 Contraindications**

This medicine is CONTRAINDICATED

• in the case of hypersensitivity to local anaesthetics or to one of the constituents, and in the following situations:

- severe disorders of atrioventricular conduction without a pacemaker;
- epilepsy not controlled by treatment;
- porphyria.

This medicine is USUALLY UNADVISED in association with sibutramine (see § 4.5).

**4.4 Special warnings and precautions for use****• Warnings**

THIS PRODUCT CONTAINS 1/200 000 ADRENALINE.

Take the risk of local necrosis into account in hypertensive or diabetic subjects.

Anaesthesiophagy risks: all kind of bites (lips, cheeks, mucous, tongue); advise patients to avoid the use of chewing gum or eating food as long as the insensitivity persists.

The use of this product is not recommended in children under the age of 4 years, as this type of anaesthesia is unsuitable before this age.

Avoid injection into infected and inflamed areas (decreased efficacy of the local anaesthetic).

Sportsmen must be advised that this medicine contains an active substance that can cause a positive reaction on anti-doping control tests.

**• Precautions for use**

The use of this product requires imperatively and previously:

- to conduct a clinical interview to determine the clinical context, concomitant treatments and the patient's past history;
- to perform a test injection of 5 to 10% of the dose in the case of a risk of allergic reaction;
- to perform the injection slowly and strictly outside of the vessels, verifying by repeated aspirations;
- to maintain verbal contact with the patient.

Increased surveillance is required in subjects treated with anticoagulants (surveillance of the INR).

Due to the presence of adrenaline, precautions and increased surveillance in case of:

- all rhythm abnormalities, except bradycardia;
- coronary insufficiency;
- severe arterial hypertension.

The dose of articaine may need to be decreased in case of severe hepatocellular insufficiency, due to the mainly hepatic metabolism of amide local anaesthetics.

The dose must also be decreased in case of hypoxia, hyperkalaemia or metabolic acidosis.

The simultaneous administration of this anaesthetic with some products (see § 4.5) requires a close monitoring of the patient's clinical and biological state.

**4.5 Interactions with other drugs or other forms of interactions**

• Associations not recommended

Due to the presence of adrenaline:

+ Sibutramine:

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

• Associations with precautions for use

Due to the presence of adrenaline:

+ Halogenated volatile anaesthetics:

Serious ventricular rhythm abnormalities (increase of the cardiac reactivity).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Imipraminic anti-depressors:

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Serotonergic-noradrenergic anti-depressors (described for minalcipran and venlafaxine):

Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Non selective MAOI (iproniazide):

Increase of the adrenaline and nor-adrenaline's pressive action, more often moderated.

Use only under strict medicinal control.

+ "A" Selective MAOI (moclobemide, toloxatone) by extrapolation from the non selective MAOI:

Risk of increase of the pressive action.

Use only under strict medicinal control.

Associations to take into account

+ Guanethidine:

High increase of the blood pressure (hyper reactivity due to the reduction of the sympathetic tonus and/or to the inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibre).

**4.6 Pregnancy and breastfeeding****• Pregnancy**

The studies carried out on animals do not show any teratogenic effect.

Due to the absence of teratogenic effect on animals, a malformative effect on mankind is not expected. Indeed, until today, the substances responsible of malformations on mankind have been teratogenics on animals during studies carried out on two species.

In clinical practice, there are actually not enough relevant facts to estimate an eventual malformative or foetotoxic effect of the articaine when administered during pregnancy.

Consequently, in the odonto-stomatological indications, articaine should only be used during pregnancy if necessary.

**Breastfeeding**

Like other local anaesthetics, articaine diffuses into breast milk in very small quantity; however, breastfeeding can be continued following the anaesthetic procedure.

**4.7 Effects on ability to drive and use machines**

This product can modify the ability to drive and use machines.

**4.8 Undesirable effects**

Like with all the anaesthetics used in odonto-stomatology, lipothymies can occur.

This product contains sodium metabisulphite, which can involve or worsen anaphylactic reactions.

In the case of overdose or in certain predisposed patients, the following clinical signs may be observed:

- on the central nervous system: nervousness, agitation, yawning, tremor, apprehension, nystagmus, logorrhoea, headache, nausea, ringing in the ears. In the presence of these warning signs, the patient must be asked to hyperventilate, and attentive surveillance is required to prevent possible deterioration with seizures followed by CNS depression.

- on the respiratory system: tachypnoea, then bradypnoea, possibly leading to apnoea.

- on the cardiovascular system: tachycardia, bradycardia, cardiovascular depression with arterial hypotension, possibly leading to collapse, arrhythmias (premature ventricular complexes, ventricular fibrillation), disorders of conduction (atrioventricular block).

These cardiac manifestations can lead to cardiac arrest.

**4.9 Overdose**

Toxic reactions, witnesses of an overdose in local anaesthetic, can occur in two situations: either immediately, due to relative overdose resulting from accidental intravenous injection, or more delayed, corresponding to true overdose due to the use of an excessive quantity of anaesthetic.

## Action in case of overdose

As soon as warning signs are observed, ask the patient to hyperventilate, place the patient in the supine position, when necessary. In the case of clonic seizures, oxygenation and injection of a benzodiazepine.

Treatment may require intubation with assisted ventilation.

## 5 PHARMACOLOGICAL PROPERTIES

### 5.1 Pharmacodynamic properties

Pharmacotherapeutic class: LOCAL ANAESTHETICS, ATC Code: N01BB58

The articaine hydrochloride is a local anaesthetic with an amide function, which interrupts the nerve impulse along the nerve fibre at the injection site. The addition of adrenaline diluted at 1/200 000 to the solution of articaine delays the passage of the articaine into the systemic circulation and maintains an active tissue concentration, allowing to obtain a little hemorrhagic operative field.

The anaesthesia is achieved within 2 to 3 minutes. The duration of anaesthesia allowing the surgical procedure is about 60 minutes. It is 2 to 3 times shorter for pulpar anaesthesia.

### 5.2 Pharmacokinetic properties

Injected in the buccal mucosa, the articaine blood concentration peak is obtained within 30 minutes after the injection.

The elimination half-life of articaine hydrochloride is about 110 minutes.

Articaine hydrochloride metabolism is mainly hepatic; 5 to 10% of the dose are eliminated under unchanged form in the urine.

### 5.3 Preclinical safety data

Studies carried out on animals have shown the good tolerance of articaine.

Like other amide local anaesthetics, high doses of the active substance can induce toxic reactions on the central nervous system and/or cardiovascular system (see § 4.8).

## 6 PHARMACEUTICAL DATA

### 6.1 List of excipients

Sodium chloride, sodium metabisulphite, hydrochloric acid, sodium hydroxide, water for injectable preparations.

### 6.2 Incompatibilities

In the absence of compatibility studies, this drug

should not be mixed with other drugs.

### 6.3 Shelf life

Before opening: 2 years.

After opening: the product must be used immediately.

### 6.4 Special storage precautions

Store at a temperature not exceeding + 25°C.

Store cartridges in the external packing and protected from light.

### 6.5 Nature and content of external packing

1.7ml in cartridge (colourless glass of type I) with a stopper (bromobutyle) and capsule (aluminium) with seal (bromobutyle). Box of 50.

### 6.6 Special precautions for disposal and handling

Like for all cartridges, the diaphragm will be disinfected just before use. It will be carefully plugged:

- either with ethyl alcohol at 70%,
- or with pure isopropyl alcohol at 90% for pharmaceutical use.

The cartridges must never be plunged in any solution.

Do not mix the injectable solution with other products in the same syringe.

Any opened cartridge of anaesthetic solution must not be re-used.

## 7 HOLDER OF MARKETING AUTHORIZATION

LABORATOIRE PRODUITS DENTAIRE PIERRE ROLLAND

Zone Industrielle du Phare  
17 avenue Gustave Eiffel  
33700 MERIGNAC - FRANCE

## 8 FRENCH REGISTRATION ID NUMBER

564 697-1: 1.7ml in cartridge (glass) with a stopper (bromobutyle). Box of 50.

## 9 DATE OF FIRST AUTHORIZATION/OFF RENEWAL OF AUTHORIZATION IN FRANCE

24 December 2002 / 24 December 2012

## 10 DATE OF UPDATING OF THE TEXT

29 December 2014

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY

List I.

RESERVED FOR PROFESSIONAL DENTAL USE.

## XYLOROLLAND™

sans Vasoconstricteur



## Injectable solution for dental use

### 1 - DENOMINATION

XYLOROLLAND SANS VASOCONSTRICTEUR, injectable solution for dental use.

### 2 - QUALITATIVE AND QUANTITATIVE COMPOSITION

LIDOCAINE HYDROCHLORIDE 36.0000mg for 1 cartridge containing 1.8ml.

The sodium metabisulphite content, expressed as sulphur anhydride, is 1.8mg per cartridge.

For the complete list of excipients, see § 6.1.

### 3 - PHARMACEUTICAL FORM

Injectable solution.

### 4 - CLINICAL DATA

#### 4.1 Therapeutic indications

Local or loco-regional anaesthesia in odontostomatological practice.

This preparation is particularly used when the administration of a vasoconstrictor is inadvisable.

#### 4.2 Dose and mode of administration

Reserved for adult and child over 4 as this type of anaesthesia is unsuitable before this age.

##### • Dose

##### Adult

1 to 3 cartridges by session without exceeding 300mg of lidocaine per session.

##### Child (over 4)

The quantity to be injected depends on the child's age, weight and the type of procedure performed. The mean dose is 20 to 30mg of lidocaine hydrochloride per session. Do not exceed the dose of 2.2mg of lidocaine hydrochloride per kilogram of body weight.

##### Elderly subject

Administer half of the dose indicated for adults.

##### • Method of administration

LOCAL OR REGIONAL INTRA-ORAL SUBMUCOSAL INJECTION.

Verify the absence of vascular effraction by repeated aspiration tests, particularly during regional anaesthesia (nerve blocks).

The injection rate must not exceed 1ml of solution per minute.

#### 4.3 Contraindications

This medicinal product is contraindicated in the case of hypersensitivity to local anaesthetics or to one of the constituents, and in the following

situations:

- Severe disorders of atrioventricular conduction without a pacemaker.
- Epilepsy not controlled by treatment
- Intermittent acute porphyria.

#### 4.4 Special warnings and precautions for use

- Warnings

Anaesthesiophagy risks: all kind of bites (lips, cheeks, mucous, tongue); advise patients to avoid the use of chewing gum or eating food as long as the insensibility persists.

The use of this product is not recommended in children under the age of 4 years, as this type of anaesthesia is unsuitable before this age.

Avoid injection into infected and inflamed areas (decreased efficacy of the local anaesthetic).

Sportsmen must be advised that this medicinal product contains an active substance that can cause a positive reaction on anti-doping control tests.

- Precautions for use

The use of this product requires imperatively:

- to conduct a clinical interview to determine the clinical context, concomitant treatments and the patient's past history,
- to perform a test injection of 5 to 10% of the dose in the case of a risk of allergic reaction,
- to perform the injection slowly and strictly outside of the vessels, verifying by repeated aspirations,
- to maintain verbal contact with the patient.

Increased surveillance is required in subjects treated with anticoagulants (surveillance of the INR).

The dose of lidocaine may need to be decreased in the case of severe hepatic insufficiency, due to the mainly hepatic metabolism of amide local anaesthetics.

The dosage must also be decreased in the case of hypoxia, hyperkalaemia or metabolic acidosis.

#### 4.5 Interactions with other drugs or other interactions

Not applicable.

#### 4.6 Pregnancy and breastfeeding

- Pregnancy

No reliable animal teratogenesis data are available. In clinical practice, analysis of a large number of pregnancies exposed to lidocaine did not reveal any particular foetotoxic or malformative effect for lidocaine. However, only epidemiological studies can confirm the absence of risk.

**PRIMACAÏNE™ ADRENALINE 1/200 000**

Box of 50 cartridges

This product is a medicinal product and then cannot be sold without local registration

**262 220**



Consequently, lidocaine can be prescribed for dental indications during pregnancy, if necessary.

- Breastfeeding

Like other local anaesthetics, lidocaine diffuses into breast milk in very small quantities; however, breastfeeding can be continued following the anaesthetic procedure.

#### 4.7 Effects on ability to drive and use machines

This product can modify the ability to drive and use machines.

#### 4.8 Undesirable effects

Due to the presence of sodium metabisulphite, risk of allergic reactions, as well as anaphylactic reactions and bronchospasms.

Like with all the anaesthetics used in odonto-stomatology, lipothymies can happen.

In the case of overdose or in certain predisposed patients, the following clinical signs may be observed:

- on the central nervous system: nervousness, agitation, yawning, tremor, apprehension, nystagmus, logorrhoea, headache, nausea, ringing in the ears. In the presence of these warning signs, the patient must be asked to hyperventilate, and attentive surveillance is required to prevent possible deterioration with seizures followed by CNS depression.

- on the respiratory system: tachypnoea, then bradypnoea, possibly leading to apnoea.

- on the cardiovascular system: tachycardia, bradycardia, cardiovascular depression with arterial hypotension, possibly leading to collapse, arrhythmias (premature ventricular complexes, ventricular fibrillation), disorders of conduction (atrioventricular block).

These cardiac manifestations can lead to cardiac arrest.

#### 4.9 Overdose

Toxic reactions, reflecting overdose of local anaesthetic, can occur in two situations: either immediately, due to relative overdose resulting from accidental intravenous injection, or more delayed, corresponding to true overdose due to the use of an excessive quantity of anaesthetic.

Action in case of overdose

As soon as warning signs are observed, ask the patient to hyperventilate, place the patient in the supine position, when necessary. In the case of clonic seizures, oxygenation injection of a benzodiazepine.

Treatment may require intubation with assisted ventilation.

## 5 - PHARMACOLOGICAL PROPERTIES

### 5.1 Pharmacodynamic properties

LOCAL ANAESTHETICS, ATC Code: N01BB02

Lidocaine hydrochloride is an amide local

anaesthetic, which blocks propagation of the nerve impulse along the nerve fibre at the site of injection. Anaesthesia is obtained within 2 to 3 minutes.

The duration of anaesthesia allowing the surgical procedure is about 90 to 120 minutes on soft tissues and 5 to 10 minutes on the pulp.

### 5.2 Pharmacokinetic properties

When injected into the oral mucosa by infiltration anaesthesia, lidocaine reaches a peak blood concentration about 10 to 15 minutes after injection.

The mean elimination half-life of lidocaine hydrochloride is 90 minutes.

Lidocaine hydrochloride is mainly metabolised in the liver; 5 to 10% of the dose are eliminated under unchanged form in the urine.

### 5.3 Preclinical safety data

Studies carried out on animals have demonstrated the good tolerance of lidocaine. Like other amide local anaesthetics, high doses of the active substance can induce toxic reactions on the central nervous system and cardiovascular system (see «Undesirable effects»).

## 6 - PHARMACEUTICAL DATA

### 6.1 List of excipients

Sodium chloride, sodium metabisulphite, sodium hydroxide q.s., water for injections.

Inertizing gas: nitrogen.

### 6.2 Incompatibilities

In the absence of compatibility studies, this drug should not be mixed with other drugs.

### 6.3 Shelf life

3 years.

### 6.4 Special storage precautions

Store at a temperature below 25 °C and away from light.

### 6.5 Nature and content of external packing

Cartridge filled at 1.9ml, type I colourless glass with a bromobutyl rubber joint maintained by a crimping capsule at one end, and with a bromobutyl rubber stopper at the other end.

### 6.6 Special precautions for disposal and handling

During the use, position the piston of the syringe on the rubber stopper of the cartridge.

## 7 - HOLDER OF MARKETING AUTHORIZATION

Laboratoires PRODUITS DENTAIRES PIERRE ROLLAND

Zone Industrielle du Phare  
17 avenue Gustave Eiffel  
33700 MERIGNAC - FRANCE

## 8 - FRENCH REGISTRATION ID NUMBER

3400950021914: 1.8ml cartridge (colourless glass); box of 50.

## 9 - DATE OF FIRST AUTHORIZATION/OF RENEWAL OF AUTHORIZATION IN FRANCE

18 September 1997/18 September 2007

## 10 - DATE OF TEXT UP-DATING

19 April 2010

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY List II.

RESERVED FOR PROFESSIONAL DENTAL USE.

## XYLOROLLAND™ SANS VASOCONSTRICTEUR

291 462

Box of 50 cartridges

This product is a medicinal product and then cannot be sold without local registration

## XYLOROLLAND™

avec adrénaline



Injectable solution for dental use

### 1- DENOMINATION

XYLOROLLAND avec Adrénaline, injectable solution for dental use.

### 2- QUALITATIVE AND QUANTITATIVE COMPOSITION

LIDOCAINE HYDROCHLORIDE 36.00000mg  
ADRENALINE TARTRATE 0.04086mg  
as Adrenaline 0.02250mg  
for one cartridge containing 1.8ml.  
For the complete list of excipients, see § 6.1.

### 3- PHARMACEUTICAL FORM

Injectable solution.

### 4- CLINICAL DATA

#### 4.1 Therapeutic indications

Local or loco-regional anaesthesia in odonto-stomatological practice.

#### 4.2 Dose and mode of administration

Reserved for adults or children over 4 as this type of anaesthesia is unsuitable before this age.

##### • Dose

##### Adults

The quantity to be injected must be adapted according to the extent of the procedure. Usually, 1 to 3 cartridges per procedure. Do not exceed the dose of 300mg of lidocaine hydrochloride per session.

##### Children (over 4)

The injected quantity depends on the child's age, weight and the type of procedure performed. The mean dose for a child is from 20 to 30mg of lidocaine hydrochloride per session.

The maximal dose in mg of lidocaine hydrochloride that can be administered in a child can be calculated as follow:  $\text{child's weight (in kilo)} \times 1.33$

Do not exceed the dose of 2.2mg of lidocaine hydrochloride per kilogram of body weight.

##### Elderly subjects

Administer half of the dose indicated for adults.

##### • Mode of administration

LOCAL OR REGIONAL INTRA-ORAL SUBMUCOSAL INJECTION.

Verify the absence of vascular effraction by repeated aspiration tests, particularly during regional anaesthesia (nerve blocks).

The injection rate must not exceed 1ml of solution per minute.

### 4.3 Contraindications

This medicinal product is contraindicated in the case of hypersensitivity to local anaesthetics or to one of the constituents, and in the following situations:

- Severe disorders of atrioventricular conduction without a pacemaker.
- Epilepsy not controlled by treatment.
- Intermittent acute porphyria.

This medicinal product is usually unadvised in association with some medicinal products like guanethidine and related substances (see § 4.5).

### 4.4 Special warnings and precautions for use

#### • Warnings

THIS PRODUCT CONTAINS ADRENALINE.

Take the risk of local necrosis into account in hypertensive or diabetic subjects.

Anaesthesiophagy risks: all kind of bites (lips, cheeks, mucous, tongue); advise patients to avoid the use of chewing gum or eating food as long as the insensibility persists.

The use of this product is not recommended in children under the age of 4 years, as this type of anaesthesia is unsuitable before this age.

Avoid injection into infected and inflamed zones (decreased efficacy of the local anaesthetic).

Sportsmen must be advised that this medicinal product contains an active substance that can cause a positive reaction on anti-doping control tests.

#### • Precautions for use

The use of this product requires imperatively:

- to conduct a clinical interview to determine the clinical context, concomitant treatments and the patient's past history,
- to perform a test injection of 5 to 10% of the dose in the case of a risk of allergic reaction,
- to perform the injection slowly and strictly outside of the vessels, verifying by repeated aspirations,
- to maintain verbal contact with the patient.

Increased surveillance is required in subjects treated with anticoagulants (surveillance of the INR).

Due to the presence of adrenaline, precautions and increased surveillance in the following cases:

- all rhythm abnormalities, except bradycardia,
- coronary insufficiency,
- severe arterial hypertension.

The dose of lidocaine may need to be decreased in the case of severe hepatocellular insufficiency, due

to the mainly hepatic metabolism of amide local anaesthetics.

The dose must also be decreased in the case of hypoxia, hyperkalaemia or metabolic acidosis.

The simultaneous administration of this anaesthetic with some products (see § 4.5) requires a close monitoring of the patient's clinical and biological state.

### 4.5 Interactions with other drugs or other interactions

#### • Associations not recommended

Due to the presence of adrenaline:

+ Guanethidine and related substances (for the treatment of glaucoma):

High increase of the blood pressure (hyper reactivity due to the reduction of the sympathetic tonus and/or to the inhibition of the adrenaline's entrance in the sympathetic fibrous).

If the association can not be avoided, use with care lower doses of sympathomimetics (adrenaline).

#### • Associations with precautions for use

Due to the presence of adrenaline:

+ Halogened volatile anaesthetics:

Serious ventricular rhythm abnormalities (increase of the cardiac reactivity).

Precautions for use: Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Imipraminic anti-depressors:

Paroxystic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibrous).

Precautions for use: Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Serotonergic-noradrenergic anti-depressors (described for minalcipran and venlafaxine):

Paroxystic hypertension with possibility of rhythm abnormalities (inhibition of the adrenaline or nor-adrenaline's entrance in the sympathetic fibrous).

Precautions for use: Limit the dose, for example: less than 0.1mg of adrenaline in 10 minutes or 0.3mg in one hour in adult.

+ Non selective MAOI (iproniazide):

Increase of the adrenaline's pressive action, more often moderated.

Use only under strict medicinal control.

+ A Selective MAOI (moclobemide, toloxatone) by extrapolation from the non selective IMAO:

Risk of increase of the pressive action.

Use only under strict medicinal control.

### 4.6 Pregnancy and breastfeeding

#### • Pregnancy

The studies carried out on animals do not show any teratogenic effect. Due to the absence of teratogenic effect on animals, a malformative effect

on the human kind is not expected. Indeed, until today, the substances responsible of malformations on the human kind have been teratogenics on animals during studies carried out on two species. Clinically, the analysis of a high number of pregnancies has obviously shown no particular malformative or foetotoxic effect of the lidocaine. However, only epidemiological studies would allow verifying the absence of risk.

Consequently, in the odonto-stomatological indications, lidocaine should only be used during pregnancy if necessary.

#### • Breastfeeding

Like other local anaesthetics, lidocaine diffuses into breast milk in very small quantities; however, breastfeeding can be continued following the anaesthetic procedure.

### 4.7 Effects on ability to drive and use machines

This product can modify the ability to drive and use machines.

### 4.8 Undesirable effects

Like with all the anaesthetics used in odonto-stomatology, lipothymies can occur.

This product contains sodium metabisulphite, which can induce or accentuate anaphylactic reactions.

In the case of overdose or in certain predisposed patients, the following clinical signs may be observed:

- on the central nervous system: nervousness, agitation, yawning, tremor, apprehension, nystagmus, logorrhoea, headache, nausea, ringing in the ears. In the presence of these warning signs, the patient must be asked to hyperventilate, and attentive surveillance is required to prevent possible deterioration with seizures followed by CNS depression.

- on the respiratory system: tachypnoea, then bradypnoea, possibly leading to apnoea.

- on the cardiovascular system: tachycardia, bradycardia, cardiovascular depression with arterial hypotension, possibly leading to collapse, arrhythmias (premature ventricular complexes, ventricular fibrillation), disorders of conduction (atrioventricular block). These cardiac manifestations can lead to cardiac arrest.

### 4.9 Overdose

Toxic reactions, witnesses of an overdose in local anaesthetic, can occur in two situations: either immediately, due to relative overdose resulting from accidental intravenous injection, or more delayed, corresponding to true overdose due to the use of an excessive quantity of anaesthetic.

Action in case of overdose

As soon as warning signs are observed, ask the patient to hyperventilate, place the patient in

the supine position, when necessary. In the case of clonic seizures, oxygenation injection of a benzodiazepine.  
Treatment may require intubation with assisted ventilation.

## 5- PHARMACOLOGICAL PROPERTIES

### 5.1 Pharmacodynamic properties

LOCAL ANAESTHETICS, ATC Code: N01BB52

Lidocaine hydrochloride is a local anaesthetic with an amino-amide function that interrupts the spread of the nerve impulse along the nerve fibre at the injection site.

The addition of adrenaline to the lidocaine solution delays the passage of the lidocaine into the systemic circulation and maintains a prolonged active tissue concentration, allowing obtaining a less haemorrhagic operative field.

The anaesthesia is achieved within 1 to 3 minutes. The duration of anaesthesia allowing the surgical procedure is about 90 to 120 minutes and 5 to 10 minutes on the pulp.

### 5.2 Pharmacokinetic properties

Injected in the buccal mucosa, the lidocaine blood concentration peak is obtained within 10 to 15 minutes after the injection.

The elimination half-life of lidocaine hydrochloride is about 90 minutes.

Lidocaine hydrochloride is mainly metabolised in the liver; 5 to 10% of the dose are eliminated in the unchanged form in the urine.

### 5.3 Preclinical safety data

Studies carried out on animals have shown the good tolerance of lidocaine. Like other amide local anaesthetics, high doses of the active substances can induce toxic reactions on the central nervous system and/or cardiovascular system (see § 4.8).

## 6- PHARMACEUTICAL DATA

### 6.1 List of excipients

Sodium chloride, sodium metabisulphite, sodium hydroxide/hydrochloric acid, water for injections

### 6.2 Incompatibilities

In the absence of compatibility studies, this drug should not be mixed with other drugs.

### 6.3 Shelf life

2 years.

### 6.4 Special storage precautions

Store at a temperature below 25°C and protected from light.

## 6.5 Nature and content of external packing

Cartridge full at 1.9ml, type I colourless glass with a bromobutyl rubber seal maintained by a crimping capsule on one end, and with a bromobutyl rubber stopper at the other end.

## 6.6 Special precautions for disposal and handling

During the use, position the piston of the syringe on the rubber stopper of the cartridge.

## 7- HOLDER OF MARKETING AUTHORISATION

Laboratoires PRODUITS DENTAIRE PIERRE ROLLAND  
Zone Industrielle du Phare  
17 avenue Gustave Eiffel  
33700 MERIGNAC - FRANCE

## 8- FRENCH REGISTRATION ID NUMBER

3400950021105: 1.8ml cartridge (colourless glass); box of 50.

## 9- DATE OF FIRST AUTHORIZATION/OFF RENEWAL OF AUTHORIZATION IN FRANCE

15 October 1997/15 October 2007

## 10- DATE OF TEXT UP-DATING

19 April 2010

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY List I.  
RESERVED FOR PROFESSIONAL DENTAL USE.

## AIGUILLES DENTAIRES STERILES



### Sterile dental needles

Needles	Indications
8mm 40/100°	Intra-septal injections
12mm 30/100°	Intra-ligamental injections
16mm 30/100°	Short Para-apical injections
21mm 30/100°	Long Para-apical injections
21mm 40/100°	Long Para-apical injections
35mm 50/100°	Troncular regional injections

CE	NEEDLES		
0459	8/40		201 451
	12/30		201 450
	16/30		201 454
	21/30		201 455
	21/40		201 456
	35/50		201 458

Box containing 100 needles

Medical device class IIa (LNE-GMED)

**XYLOROLLAND™ AVEC ADRENALINE**

Box of 50 cartridges

This product is a medicinal product and then cannot be sold without local registration

**291 422**



# ENDODONTICS



# HYCAL™



## Calcium hydroxide-based preparation

### INDICATION

HYCAL™ is a calcium hydroxide-based aqueous preparation indicated for:

- Maintaining a pH which discourages bacterial proliferation between 2 treatment sessions.
- Direct pulp capping or after pulpotomy.
- Indirect pulp capping for cases of deep caries.
- Temporary filling of root-canals if root growth is not yet complete.

### PROPERTIES

- Product ready for use.
- High pH (> 11.5) due to the presence of calcium hydroxide (45%), which discourages bacterial proliferation.
- Effective protection of the pulp.
- Promotes the formation of secondary dentin.
- Can be used under all filling and cavity-liner materials.
- Radiopaque.

### COMPOSITION

Calcium hydroxide (45%), Excipients.

**CE** **HYCAL** **259 304**  
 0459 Box containing 1x2ml syringe with a bended application cannula (+ tube cap) and 2 additional bended application cannulas.

Medical device class IIa (LNE-GMED)

# EDETAT



## Preparation for root canal (chelator)

### PROPERTIES

EDETAT enables the removal of pathological mineral material (various denticles, calcifications) and the enlargement of narrow or difficult-to-access canals.

It solubilizes organic debris and lubricates the instruments used for canal preparation.

EDETAT contains a quaternary ammonium for good wetting of the dentin wall and foaming power to avoid sedimentation of debris in the apex, thereby facilitating its removal from the canal.

### COMPOSITION

Edetic acid: 14% under dihemipotassium salt form, excipients.

**CE** **EDETAT** **231 201**  
 0459 Bottle of 14ml

Medical device class IIa (LNE-GMED)

# SALVIZOL™ E.D.T.A



## Root canal irrigant

### PROPERTIES

Thanks to its chelating properties, SALVIZOL™ E.D.T.A. dissolves the mineralizing screen, facilitating removal of the smear layer. It contains a quaternary ammonium salt to efficiently wet the dentin wall and produce a foam, thus avoiding apical sedimentation of debris. When used in combination with sodium hypochlorite (NaClO), SALVIZOL™

E.D.T.A. makes it possible to obtain clean dentin walls and satisfactory opening of the tubules, so that the canal can then be optimally obturated.

### COMPOSITION

Edetic acid: 8g/100g under dihemipotassium salt form, quaternary ammonium, excipients.

**CE** **SALVIZOL E.D.T.A.** **266 115**  
 0459 Bottle of 250ml

Medical device class IIa (LNE-GMED)

# KIT IRRIGATION

## Syringe for irrigation



**CE** **KIT IRRIGATION** **266 291**  
 Box containing 100 syringes 27 G (0.41mm)

Medical device class I - Manufacturer : Covidien - Distributed by Produits Dentaires Pierre Rolland

## CORTISOMOL™ SP KIT



Powder for permanent sealing cement for root canals

### PROPERTIES

Prednisolone acetate is a steroidal anti-inflammatory agent with good local and systemic safety. It is used for the relief of post-operative pain following root canals work. In addition, Cortisolomol™ SP is radiopaque and,

although without any colouring agent, its colour makes the canal entry easily visible.

### COMPOSITION

Prednisolone acetate 1.1%; Thymol iodide; Zinc oxide; Baryum sulphate; Excipients.

### CORTISOMOL™ SP KIT

Jar containing 25g of powder; 1 spoon

221 606

Medical device class III - CE 0459 (LNE-GMED) (powder)  
Medical device class I - CE (spoon)

## SEALITE™ ULTRA KIT



Permanent sealing cement for root canals

### PROPERTIES

SEALITE™ Ultra contains enoxolone (or glycyrrhetic acid): a nonsteroidal anti-inflammatory agent with good local and systemic safety.

It is used for the relief of post-operative pain following root canal work with perfectly fills even the smallest canals, very thin film thickness, no desintegration, very slow solubility, very high flexibility of handling : adequate working time with

a setting time that allows placement of Gutta Cones, regardless of the procedure used.

### COMPOSITION

Powder: Enoxolone 1% - Thymol iodide - Zinc oxide - Radiopacifier - Excipients.  
Liquid: Eugenol - Excipients.

### SEALITE ULTRA KIT

25g of powder, 10ml of liquid, 1 spoon, 1 dropper

SEALITE Liquide - 10ml (refill)

266 268

266 267

Medical device class III - CE 0459 (LNE-GMED) (Sealite Ultra powder)  
Medical device class IIa - CE 0459 (LNE-GMED) (Sealite liquid)  
Medical device class I - CE (spoon, dropper)

## SEALITE™ REGULAR KIT



Permanent sealing cement for root canals

### PROPERTIES

Cement that spreads completely into canals.

Very thin film thickness.

Very low disintegration.

Easy to handle: adequate working time, with a setting time that allows placement of gutta cones regardless of the method used.

### COMPOSITION

Powder: Thymol iodide - Zinc oxide - Radiopacifier - Excipients.

Liquid: Eugenol - Excipients.

### SEALITE REGULAR KIT

25g of powder, 10ml of liquid, 1 spoon, 1 dropper

SEALITE Liquide - 10ml (refill)

266 264

266 267

Medical devices class IIa - CE 0459 (LNE-GMED) (Sealite Ultra powder and Sealite liquid)  
Medical device class I - CE (spoon, dropper)

## MTA™ CAPS



Permanent endodontic cement

### INDICATION

- Root end filling in surgical endodontics
- Repair of root perforations
- Pulp capping
- Apexification

- Radiopaque
- Pre-proportioned
- Easy to use
- Delivered under single-use capsules

### PROPERTIES

- Totally hermetic seal : the low setting prevents all reaction risk
- Barrier impervious to bacteria and fluids

### COMPOSITION

Powder: mixing of mineral oxides (calcium and tungstate).  
Liquid : water.

\* Mineral Trioxide Aggregate

### CE MTA CAPS

0459 1 aluminium bag with 2 pre-proportioned 0.3g-capsules

251 160

### CE MTA APLICAPS x 1

Medical device class IIa (LNE-GMED) (Capsules)  
Medical device class I (Applicator)

213 655

## EUGENOL PUR



Liquid for zinc-oxide based cement

### PROPERTIES

The eugenol confronted with bivalent metallic ions (Zn<sup>2+</sup>) forms a chelate: chemopolymerization. Furthermore, the Eugenol is well known for its

antiseptic, analgesic and anti-inflammatory properties.

### COMPOSITION

Eugenol 100%.

CE EUGENOL PUR  
0459 Bottle of 60ml

234 110

Medical device class IIa (LNE-GMED)

## RESOSOLV™



Solvent for phenol-formol type root canal filling cements

### DIRECTIONS FOR USE

- Mechanically clean (drill) the tooth cavity and the root canal entrance as much as possible.
- Apply enough RESOSOLV to the tooth cavity to wet it completely. Start to remove fillings using a reamer/file and pressing the RESOSOLV towards the resin. Carefully start to remove the first millimetres applying force; prolonged contact of the RESOSOLV with the resin makes this easier.

- Add the RESOSOLV as you progress to continue to dissolve the resin.
- When fillings have been removed, mechanically clean the area, dry with air and using paper points.

### COMPOSITION

Dimethylformamide, excipients.

CE RESOSOLV  
0459 Bottle of 14ml

266 112

Medical device class IIa (LNE-GMED)

## CIMAVIT™



Temporary filling cement

### PROPERTIES

- Ready-to-use (no mixing).
- airtight (impermeable plastic components).
- Very good adherence to dentine.
- Setting time in mouth: about 3 minutes; .

- Easy to remove (probe, excavator, ...).
- Pink colour allowing easy detection;

### COMPOSITION

Zinc oxide, plaster, excipients.

CE CIMAVIT  
0499 6 x 28g jars

213 859

Medical device class IIa (SNCH) - Manufacturer : G-PHARMA - France  
Distributor: PRODUITS DENTAIRE PIERRE ROLLAND - France

## CIMAVIT™ PHOTO



Curing material for temporary fillings

### INDICATION

All types of coronal temporary fillings, temporary fillings in the context of inlay and onlay techniques.

very good resistance to occlusive forces, good aesthetic translucency, its elastic consistency facilitates its removal in one bloc.

### PROPERTIES

Ready-to-use material, does not stick to instruments, condensable, does not require a particular sized cavity, ensures an hermetic seal (isolates the tooth from bacterial and thermal aggression), can be left in place for up to 4 weeks,

### COMPOSITION

Hydroxyethylmethacrylates, butylhydroxytoluene, acrylate ester and polymers.

CE CIMAVIT PHOTO  
0459 2x4g syringes

213 820

Medical device class IIa (LNE-GMED)



## PROPHYLAXIS PERIODONTICS

175





## BIOSTITE



Alloplastic material for bone regeneration

### INDICATION

- Filling of periodontal pockets and sockets after extraction.
- Pre-prosthetic osseous reconstruction.
- Prevention of loss of osseous substance following extraction.
- Maxillo-facial reconstructive surgery.
- Pre and peri-implant guided tissue regeneration.

### COMPOSITION

Polycrystalline hydroxyapatite: 88%, Collagen: 9,5%, Glycoaminoglycanes (chondroitin sulphate): 2,5%.

### ORIGIN - MANUFACTURE

Biostite, cylinders, is made of polycrystalline hydroxyapatite, chondroitin sulphate from fish origin and of native lyophilized collagen from equine origin: Type I collagen. Manufacture consists in a lyophilization of collagen gel. Collagen is exclusively obtained from equine tendons (horses certified by the Ministry of Health as usable in opotherapy), from agreed abattoirs (EEC stamp).

The cylinders obtained are then packaged under unit blisters and sterilised by gamma radiation at a dose of 25KGray. A sterility test according to the European Pharmacopoeia is performed on each batch. Biostite, cylinders, shows a good guarantee of viral, bacterial and fungic security according to the scientific knowledge.

### PROPERTIES

Studies carried out on animals and human beings have shown the excellent tissue tolerance of Biostite and its osteo-conductive properties. After implantation at the level of the site to reconstruct, Biostite is gradually replaced by an osteoid tissue which will turn into mature bone in a few months. The reconstruction obtained with Biostite is histologically identical to the normal bone and stable over time.

### STORAGE

5 years from the manufacturing date.

CE 0373 **BIOSTITE**

**240 180**

Kit containing 6 single-use cylinders (size: 1cm x 1cm) under sterile double-packaged unit blisters (sterilization by gamma radiation).

Medical device class III (ISS) - Manufacturer: Golgate-Palmolive Commerciale s.r.l - Italia  
Distributed by Produits Dentaires Pierre Rolland

## PAROGUIDE



Membrane for guided tissue regeneration

### INDICATION

- Reconstruction of osseous defects.
- Root furcations repair.
- Augmentation of crests' volume.
- Covering of peri-implant spaces.
- Covering of alveoli after tooth extraction.
- Pre and peri-implant guided tissue regeneration.

### COMPOSITION

Type I horse collagen: 96-98%, Glycosaminoglycanes (chondroitin sulphate): 2 - 4%.

### ORIGIN - MANUFACTURE

Paroguide is an opaque, cream-coloured membrane of medium rigidity, made of native lyophilized collagen from animal origin (equine): Type I collagen. Manufacture consists in a lyophilization of collagen gel. Collagen is exclusively obtained from equine tendons (horses certified by the Ministry of Health as usable in opotherapy), from agreed abattoirs (EEC stamp). The compresses obtained are then packaged under unit blisters

and sterilised by gamma radiation at a dose of 25KGray. A sterility test according to the European Pharmacopoeia is performed on each batch. Paroguide, membrane, shows a good guarantee of viral, bacterial and fungic security according to the scientific knowledge.

### PROPERTIES

#### Barrier effect

- Paroguide has a barrier effect allowing a cellular selection. The membrane limits the access of osseous defects to the only bone cells, so that it allows the regeneration of osseous tissue and a normal ligament attachment.
- Resorbable in about 8 to 12 week.

### STORAGE

5 years from the manufacturing date.

CE 0373 **PAROGUIDE**

**240 130**

Kit containing 6 membranes

Medical device class III (ISS) - Manufacturer: Golgate-Palmolive Commerciale s.r.l - Italia  
Distributed by Produits Dentaires Pierre Rolland

## LOCAL HAEMOSTASIS

### ETIK™ COLLAGENE

#### Haemostatic Surgical Dressing



#### COMPOSITION - MANUFACTURING

ETIK COLLAGENE cylinders are made from pure native collagen, of animal origin (bovine): Type I collagen: 80 to 90% - Type III collagen: 10 to 20%. The collagen used has a European Pharmacopoeia Conformity certificate. The ETIK COLLAGENE cylinders are then packaged in single unit blister packs, then sterilised by gamma (γ) ionising radiation. Based on present knowledge, ETIK COLLAGENE cylinders therefore offer maximum viral, bacterial, fungal and NCTA safety.

#### HOW IT WORKS

##### Haemostatic due to its mechanical properties

Collagen is a fibrillar protein that is naturally occurring in all connective tissues. Lyophilised collagen, in cylinder form, causes haemostasis due to its adhesion, liquid absorption and gelling properties.

##### Strong adhesion

The collagen cylinder moulds to the hemorrhagic surface, strongly adhering to it when subject to mechanical compression. This causes formation of the platelet plug (coagulation) and ensures the latter remains in place.

CE ETIK COLLAGENE 281 970

0459 Box of 25 unit-packaged sterile cylinders (in blister packs)  
Dimensions: diameter ≈ 10mm, height ≈ 16mm

Medical device class III (LNE-GMED)

### HEMOSTASYL™



#### Haemostatic dressing with mechanical action

#### PROPERTIES

**EFFECTIVE**  
No bleeding or weeping at site (aluminium chloride)

**PRACTICAL**  
Direct and accurate application in mouth using the bent cannulas provided  
Perfect adherence to the mucosa  
Compression unnecessary

**FAST**  
Haemostasis (by mechanical action) achieved between several seconds and 2 minutes  
Easy removal (blue colour) with a gentle water spray

**ECONOMICAL**  
Approximately 30 applications by syringe

**COMPOSITION**  
Aluminium chloride, excipients.

CE HEMOSTASYL KIT - 2 x 2 g-syringe + 40 cannulas 246 200

0459 HEMOSTASYL SERINGUES - 2 x 2 g-syringe 246 050

CE HEMOSTASYL CANNULAS - 40 cannulas 246 100

Medical device class IIa - CE 0459 (LNE-GMED) (syringes) Medical device class I - CE (cannulas)

### GINGISTAT®

#### Surgical haemostatic dressing



#### INDICATION

GINGISTAT is a haemostatic surgical dressing. It is used each time there is a need to rapidly control bleeding (extractions, dental surgery, preparation of Class V, rebound effect of the adrenalin of local anaesthetics, etc) and in patients presenting an alteration of the sanguineous crasis and coagulation mechanism.

#### COMPOSITION

Type I horse collagen: 96-98%; Glycosaminoglycans (chondroitin sulphate): 2 - 4%.

#### ORIGIN - MANUFACTURE

GINGISTAT, compresses, is made of native lyophilized collagen from animal origin (equine): Type I collagen. Manufacture consists in a lyophilization of collagen gel. Collagen is exclusively obtained from equine tendons (horses certified by the Ministry of Health as usable in ophotherapy), from agreed abattoirs (EEC stamp). The compresses obtained are then packaged under unit blisters and sterilised by β radiation at a dose of 25KGy. A sterility test according to the European Pharmacopoeia is performed on each batch. GINGISTAT, compresses, shows a good guarantee of viral, bacterial and fungic security according to our actual knowledge.

#### PROPERTIES

##### Haemostatic due to mechanical properties

Lyophilized collagen under compress form displays hemostatic activity due to its adhesion, liquid absorption and gelling properties. It also takes place in the constitution of red thrombus (intrinsic coagulation).

##### Strong adhesion

The collagen compress molds itself onto the hemorrhagic surface where it adheres strongly upon mechanical compression, thus promoting the formation and maintenance of a platelet clot (coagulation).

##### Resorbable

- The collagen compresses are resorbable.
- Gingistat compresses are presented under sterile unit package, ready to use.

CE GINGISTAT 240 100

0373 Box containing 20 unit-packaged sterile compresses (in blister packs).  
Size: 3cm x 3cm x 0.6cm

Medical device class III (ISS) - Manufacturer: Golgate-Palmolive Commerciale s.r.l - Italia  
Distributed by Produits Dentaires Pierre Rolland

SOIE DENTAIRE

Non-resorbable sutures

**PRESENTATION**

Box (chest + drawer) containing 36 thermo-soldered peelable external envelopes containing each one sterile aluminium packet of paper (Ethylene oxide sterilization) with one stainless steel needle and a black waxed silk lightly coated, setted in the needle.

**Soie dentaire 3/0**

- Needle: length 18mm, radius of curvature 3/8th, non-traumatising triangular shape.
- Strand: black waxed flossed silk, diameter Dec 2, length 45cm, non-resorbable, proteinic fibre (fibroin) made essentially of repeated amino-acids sequences from the unwinding of silkworm's cocoons.

**Soie dentaire 4/0**

- Needle: length 12mm, radius of curvature 3/8th, non-traumatising triangular shape.
- Strand: black waxed flossed silk, diameter Dec 1,5, length 45cm, non-resorbable,

proteinic fibre (fibroin) made essentially of repeated amino-acids sequences from the unwinding of silkworm's cocoons.

**PROPERTIES**

- Very flexible,
- Easy to handle as it has almost no shape memory.
- Not damaged by the jaws of the instruments.
- No blood impregnation.

**STORAGE**

5 years from the manufactured date



**SOIE DENTAIRE 4/0**

Box containing 36 sutures

**280 200**

CE 0459 **SOIE DENTAIRE 3/0**

Box containing 36 sutures

**280 100**

Medical device class IIa - CE 0459 (LNE-GMED)

Manufacturer: Peters Chirurgical - France - Distributed by Produits Dentaires Pierre Rolland

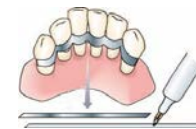
BIOSPLINT™

Splinting ribbons

**INDICATIONS**

- Stabilization of mobile teeth.
- Temporary replacement of missing teeth.
- Maintain of inter-dental spaces.
- Reinforcement or repairing of temporary or permanent bridges.

**INSTRUCTIONS FOR USE**



1 - Determine the exact length of the splinting ribbons  
 2 - cut it to the right length



3 - Apply the etching gel  
 4 - Rinse thoroughly then dry gently



5 - Apply Biosplint Bond for 15 seconds  
 6 - Spread with compressed air for 3 seconds. Photo-polymerise all surfaces for 20 seconds



7 - Place a small drop of Biosplint Flow on the most distal part of the retention, then apply on the tooth surface.



8 - Photo-polymerise (LED Light)



9 - Coat another small portion of Biosplint Splinting ribbon



10 - Continue step by step until the ribbon has been fixed



11 - Once the ribbon is fully fixed, apply another coat of Biosplint Flow over the entire surface of the ribbon.  
 12 - Photo-polymerise

CE 0459 **BIOSPLINT BANDELETTES**  
 Box containing 8 ribbons

**201 661**

**BIOSPLINT CISEAU THERMIQUE**  
 Box containing 1 thermal cutter

**201 662**

CE **BIOSPLINT ACCESSORIES**  
 Box containing 8 brushes and 3 probes

**201 663**

Medical device class IIa (LNE-GMED) (Biosplint Ribbons)

Medical device class I (Thermal cutter, Accessories)



DESENSITIZING

POLISHING AFTER SCALING



Desensitization in case of dentinal hyperesthesia

**PROPERTIES**

- Single component
- TILZEN one makes possible to seal the dentinal surface through a chemical reaction with dentine. A precipitate forms which blocks the dentinal tubules, preventing the propagation of thermal, chemical and mechanical stimuli.

- The action of TILZEN One is immediate and long-lasting (approximately 6 months).

**COMPOSITION**

Liquid: Methacrylate and styrene-based copolymer, Oxalic acid derivative, Excipients.

**CE** **TILZEN ONE**  
0459 1 bottle of liquid (5ml), 1 pack of 100 felt applicators, 1 felt holder, 20 plastic application palettes.

**266 151**

Medical device class IIa (LNE-GMED)



Polishing of teeth after scaling

**PROPERTIES**

Silica is a mildly abrasive powder which gives the paste its polishing properties, eliminating the micro-roughness that is present after scaling, without damaging the enamel or gums. A flavouring compound gives its pleasant, refreshing taste.

**COMPOSITION**

Silica, Flavouring agents, Methyl and propyl parahydroxybenzoate sodium, Excipients.

**CE** **SITSALICINE**  
0459 Tube containing 60g of paste

**277 803**

Medical device class IIa (LNE-GMED)



# HYGIENE



# RISKONTROL®

Disposable tips for air/water syringe



**PROPERTIES**

The RISKONTROL® tips are intended for single-use, with a rounded end for the patient's comfort. The risk of direct or cross-contamination is consequently eliminated. With RISKONTROL®, your patients and you are protected. The new design improves the set-up of the tip on the adapter with a led system.

**COMPOSITION**

The RISKONTROL® tips are made of entirely recyclable polyethylene. This material is environmentally friendly and non-polluting in the case of combustion.

**Total Protec**  
By **RISKONTROL®**



**Box of 100 non-sterile tips with plastic sheath**

**White** 201 751  
**Blue** 201 750

Medical devices class I

**Sterile**  
By **RISKONTROL®**



**Box of 96 tips under individual blisters, sterilized with ethylene oxide**

**White** 201 770

Medical devices class I S (LNE-GMED)

**ART**  
By **RISKONTROL®**



**Box of 250 non sterile tips**  
**5 colors, 5 flavours**

**Orange/Mandarine** 201 701  
**Grey/Liquorice** 201 702  
**Green/Anise** 201 703  
**Purple/Black Current** 201 704  
**White/Mint** 201 700

Medical devices class I

**Classic**  
By **RISKONTROL®**



**Box of 250 non sterile tips**

**White** 201 664  
**Blue** 201 665  
**Yellow** 201 666  
**Green** 201 667  
**Pink** 201 668

Medical devices class I

**Ecologic**  
By **RISKONTROL®**



**Box of 250 non sterile tips**

**Natural** 201 705

Medical device class I

# RISKONTROL®



## Adapters for air/water syringes

The RISKONTROL® range includes almost 42 different adapters able to equip 145 types of instrument delivery systems. The adapter is left permanently in place. You just need to change the tips between each patient.

The adapters are delivered with 1 protective cap and, depending on the types, with a replacement O-ring to ensure optimal functioning of your syringe.

**CE Adapter**  
Blister pack

Medical devices class I

Art.-No.	Adapter
200 195	Adapter (NV) ADEC INOX
200 158	Adapter (NV) BELMONT NEW
200 198	Adapter (NV) CAS INOX
200 184	Adapter (NV) CASTELLINI LOGO NEW
200 186	Adapter (NV) CASTELLINI SVF 1
200 162	Adapter (NV) CASTELLINI C
200 163	Adapter (NV) CASTELLINI V
200 197	Adapter (NV) CEFLA INOX
200 188	Adapter (NV) COLIBRI STYLO II
200 152	Adapter (NV) D.C.I
200 164	Adapter (NV) DENTALEZ
200 194	Adapter (NV) ENGLE
200 165	Adapter (NV) FA E
200 166	Adapter (NV) FA E2
200 167	Adapter (NV) FA C
200 168	Adapter (NV) FA C2
200 182	Adapter (NV) FA S1
200 169	Adapter (NV) FLEX
200 149	Adapter (NV) GNATUS
200 170	Adapter (NV) HOLLAND DENTAL
200 171	Adapter (NV) KAVO C
200 157	Adapter (NV) KAVO D B
200 172	Adapter (NV) KAVO E
200 156	Adapter (NV) KAVO G B
200 153	Adapter (NV) KAVO H B
200 192	Adapter (NV) KAVO I B

Art.-No.	Adapter
200 181	Adapter (NV) KAVO J
200 160	Adapter (NV) KAVO K
200 150	Adapter (NV) LU INOX
200 173	Adapter (NV) LU V
200 199	Adapter (NV) LU NEW INOX
200 174	Adapter (NV) MORITA 66
200 159	Adapter (NV) MORITA 66 TYPE 2
200 183	Adapter (NV) MORITA S12
200 201	Adapter (NV) MORITA INOX WS10
200 200	Adapter (NV) MORITA INOX WS97
200 175	Adapter (NV) RITTER COMBIJET
200 176	Adapter (NV) RITTET TOP JET
200 177	Adapter (NV) SIEMENS 2000
200 178	Adapter (NV) SIEMENS 4000
200 179	Adapter (NV) SIEMENS E
200 154	Adapter (NV) SIRONA B
200 196	Adapter (NV) SIRONA L
200 190	Adapter (NV) TRIDAC II
200 191	Adapter (NV) YOSHIDA II
200 180	Adapter (NV) YOSHIDA V
200 193	Adapter (NV) YOSHIDA 3
203 953	LU RACCORD
203 969	LU n°447
203 960	LU N°344 C
203 976	LU n°222

> Other adapters available upon request



Riskontrol® Catalogue



Riskontrol® Video



**Powdered latex examination gloves**

**PROPERTIES**

- Ambidextrous
- Slightly powdered
- Smooth outside surface
- Non sterile, single use
- Wristband terminated with a rolled bead
- Gloves lubrication realised by addition of modified maize starch powder inside the glove. The powder rate is reduced by pass in a rotary drum.

Complies with ASTM D 3578-05 "Specifications of rubber examination gloves (type 1) » Physical properties - ASTM D 6124-06 "Residual powder" - ASTM D5712-10 "Extractable proteins" - ASTM D 5151-06 "Holes detection".

**COMPOSITION**

First grade latex (natural polymer produced by a tree called "Hevea Brasiliensis"), additives.

**CE SEPTOL POWDERED GLOVES** - 10 boxes containing 100 gloves each  
**219 300 : XS - 219 305 : S - 219 310 : M - 219 315 : L**

Medical devices class I



**Powder-free latex examination gloves with aloe vera**

**PROPERTIES**

- With aloe vera
- Ambidextrous
- Powder free
- Semi-rough outside surface
- Non sterile, single use
- Manufactured to offer a maximum of strength, without sacrificing the necessary tactility; a very severe quality control guarantees the best hygiene conditions, so imperious today, to the practitioner, his/her staff and patients.

• Complies with ASTM F1671-07 "Bacteriophage penetration test", ASTM D3578-05 "Specifications of examination gloves in latex", ASTM D6124-06 "Residual powder on medical gloves", ASTM D5712-10 "Extractable proteins" and ASTM D5151-06 "Detection of holes in medical gloves".

**COMPOSITION**

Very high quality latex (natural polymer produced by a tree called "Hevea Brasiliensis"); Aloe Vera.

**CE SEPTOL POWDER-FREE GLOVES WITH ALOE VERA**  
 10 boxes containing 100 gloves each  
**219 500 : XS - 219 505 : S - 219 510 : M - 219 515 : L**

Medical devices class I



**Powder-free nitrile examination gloves**

**PROPERTIES**

- Colour: blue
- Neutral pH approaching the one of the skin
- Ambidextrous
- Powder free, Pebble outside surface
- Non-sterile, single use
- Manufactured to offer a maximum of strength, without sacrificing the necessary tactility; a very severe quality control guarantees the best hygiene conditions, so imperious today, to the practitioner, his/her staff and patients.

• Complies with ASTM D6319-10 "Specifications for nitrile examination gloves" and ASTM D5151-06 "Detection of holes in medical gloves".

**COMPOSITION**

Butadiene-acrylonitrile copolymer, Synthetic elastomer, Vulcanization agent: carbamate derivative.

**CE SEPTOL GLOVES NITRILE** - 1 box of 100 gloves  
**219 277 : XS - 219 278 : S - 219 279 : M - 219 280 : L**

Medical devices class I



**Powder-free latex examination gloves**

**PROPERTIES**

- Ambidextrous
- Powder free
- Semi-rough outside surface
- Non sterile, single use
- Manufactured to offer a maximum of strength, without sacrificing the necessary tactility
- Complies with ASTM F1671-07 "Bacteriophage penetration", ASTM D3578-05 "Specifications for

rubber examination gloves", ASTM D6124-06 "Residual powder on medical gloves", ASTM D5712-10 "Extractable proteins" and ASTM D5151-06 "Detection of holes in medical gloves"

**COMPOSITION**

Latex (natural polymer produced by a tree called "Hevea Brasiliensis"); additives.

**CE SEPTOL POWDER-FREE GLOVES** - 10 boxes containing 100 gloves each  
**219 400 : XS - 219 405 : S - 219 410 : M - 219 415 : L**

Medical devices class I



### Masques Haute Filtration



Practitioner and patient protection

**PROPERTIES**

- Specially adapted to the work of dental surgeons
- Effective bacterial filtering ≥ 98%
- Flexible
- Comfortable

- Glass fibre and latex free
- Nose clip to ease breathing
- High resistance to fluids, vapours and sprays
- Flameproof
- Compliant with standard NF EN 14683 «Medical Face Masks» - Type IIR

**CE MASQUES HAUTE FILTRATION**  
Box of 500 masks

**249 020**

Medical device class I

### ESSUIE-MAINS / HAND TOWELS



**PRESENTATION**

Size : 19cm x 25cm  
Color: white

**PROPERTIES**

**Excellent absorption.**  
One towel is enough (6 layers of cellulose)  
**High resistance**

**ESSUIE-MAINS / HAND TOWELS**  
Carton box containing 1600 pieces

**274 521**

**WALL DISPENSER**

**260 152**

### BAVETTES / BIBS



Protection during scaling and air polishing

**PRESENTATION**

Plastic sheet placed between 2 layers of cotton

Lace closure

Size: 40 x 50cm

**BAVETTES / BIBS**

**272 055**

Carton box containing 450 pieces

### Septol™ Savon Doux



Liquid soap – Frequent use

**PROPERTIES**

Cleansing.  
Suitable for frequent use.  
Good protection of the skin.

Effectiveness of antimicrobial preservative agents in terms of reference strains (p. aeruginosa, s. aureus, c. albicans, a. niger)

**SEPTOL SAVON DOUX** - 1 litre-bottle with 4ml measuring pump\*

**268 507**

**SEPTOL SAVON DOUX** - 5 litre-bottle with tap\*

**268 506**

**SEPTOL SAVON DOUX** - 1 litre-bottle for wall dispenser

**268 510**

**METAL WALL DISPENSER**

**260 511**

**WHITE WALL DISPENSER**

**260 530**

Cosmetic product.

\*Accessories are available separately.

### Septol™ Mains



Thixotropic hydro-alcoholic colloid  
for hygienic treatment and surgical disinfection of hands

**PROPERTIES**

Neutral pH.  
SEPTOL Mains meets the following AFNOR and European standards:  
Bactericide: NF EN 1040 - NF T 72 300 - pr EN 12054 - NF EN 14348 (B.K.) - NF EN 1500 (E. Coli) - EN 12791  
Fongicide: NF EN 1275 (Candida albicans - Aspergillus Fumigatus) - EN 1650.


SEPTOL™ Mains is also active on the following viruses: Adenovirus type 5 - Bovine Coronavirus (surrogate of SARS-CoV virus) - Herpes Human Virus type 1 - Rotavirus SA-11 - Polio Enterovirus type 1 - Pseudorabies Virus (PRV), surrogate of Hepatitis B virus - Bovine Viral Diarrhea Virus (BVDV), surrogate of Hepatitis C virus - HIV 1 - Influenza Virus [H1N1] - Respiratory Syncytial Virus (RSV) - Murine NoroVirus (MNV), surrogate of Human NoroVirus.

**SEPTOL MAINS**

**268 290**

6 x 300ml

Biocide product for personal hygiene (group 1 - TP1).

**Septol™ Instruments Enzymatic**  **ACTIVE ON H1N1**

Cleaning and pre-disinfection of all the instruments

**INDICATION**

SEPTOL™ Instruments Enzymatic is especially intended for reinforced cleaning and pre-disinfection of all the instruments and medical devices (with or without ultrasounds)

**PROPERTIES**

- Blue limpid liquid, concentrated product to dilute: 1% before use.
- compatible with stainless metal, glass and plastics (polycarbonate, etc.). With special materials, a preliminary test of non-aggressiveness is required. The presence of a tri-enzymatic complex (amylase,

lipase, protease) reinforces the detergent activity of the product.

- Bactericidal, fungicidal and virucidal properties.
  - Contact time: 15 minutes.
- In compliance with the following AFNOR standards:  
 Bactericidal activity: NF EN 13727 – NF EN 1040 – NF EN 14561 / Yeastcidal activity: NF EN 1275 (C. albicans) – NF EN 13624 (C. albicans). Also acts on: BK (Mycobacterium tuberculosis) – HIV 1 – Herpes virus Type I – PRV (surrogate of Hepatitis B virus) – BVDV (surrogate of Hepatitis C virus) and Influenza virus A [H1N1].

<p>CE 0459</p>	<p><b>SEPTOL INSTRUMENTS ENZYMATIC</b> - 5 Litre-bottle                  Concentrated product to dilute (1%), with a 20cc proportion pump                  Medical device class IIb (LNE-GMED)</p>	<p><b>268 355</b></p>
	<p><b>IMMERSION TANK</b></p>	<p><b>268 375</b></p>

**Septol™ Fraises** 

Cleaning and disinfection of burs, medical devices and instruments (rotative or not)

**INDICATION**

SEPTOL™ Fraises is used before sterilization to clean and decontaminate burs and instruments (rotative or not).

It can be used with an ultrasonic container, facilitates the cleaning but does not shorten the contact time.

**PROPERTIES**

- Colourless, ready to use. It acts at ambient temperature.

- Contains a detergent that dissolves protein substances (blood, pus, serous fluids).
- Contact time: 15 minutes.

In compliance with the standards :  
 Bactericidal activity: NF EN 1040 - NF EN 13727 – EN 14561  
 Fungicidal/Yeastcidal activity: NF EN 1275 – NF EN 13624 – EN 14562  
 Also acts on: BK (Mycobacterium tuberculosis) – HIV 1 – Hepatitis B virus – Herpes Virus Type I – BVDV (surrogate of Hepatitis C).

<p>CE 0459</p>	<p><b>SEPTOL FRAISES</b>                  Ready to use - 2 litre-bottle</p>	<p><b>268 320</b></p>
	<p>Medical device class IIb (LNE-GMED)</p>	

**Septol™ Aspiration** 

Cleaning and disinfecting suction circuits

**INDICATION**

SEPTOL™ Aspiration has been especially developed for cleaning and disinfecting aspiration circuits. It is suitable for all types of aspiration systems.

**PROPERTIES**

SEPTOL™ Aspiration is effective against gram+ and gram- bacteria, viruses and some fungi. It has an anti-microbial action (by inactivating intracellular enzymes systems) and eliminates all organic or mineral deposits carried by aspiration systems. It remains active in the

presence of proteins and organic substances (blood, pus, tissue debris). Does not foam, non corrosive, without aldehyde.

It should always be diluted at 2% - Contact time: 15 minutes.

In compliance with the following standards:  
 Bactericidal activity: NF EN 1040 - NF EN 13727 – NF EN 14561 / Yeastcidal activity: EN 13624 (C. albicans)

It also acts on: BK (Mycobacterium tuberculosis) – HIV 1 – Hepatitis B virus – BVDV (surrogate of Hepatitis C virus).

<p>CE 0459</p>	<p><b>SEPTOL ASPIRATION</b>                  5 litre-bottle with a 20cc proportion pump</p>	<p><b>268 380</b></p>
	<p>Medical device class IIa (LNE-GMED)</p>	

**Septol™ Lingettes** 

Disinfection of surfaces of non-invasive medical devices

**INDICATION**

The wipes are especially adapted for the disinfection of previously cleaned photo polymerize lamp bodies and external components of radiological device heads (non-immersible and non-invasive medical devices).

**PROPERTIES**

SEPTOL™ Lingettes are made of a non-woven cellulose fibre base material impregnated with a cleansing and disinfectant solution without aldehyde. SEPTOL™ Lingettes effectiveness is due to the

impregnation solution. It is effective on gram+ and gram- bacteria, viruses, yeasts and fungi.

The impregnation solution of SEPTOL Lingettes meets the following European standards:

Bactericidal activity: NF EN 1040 - NF EN 1276 – NF EN 13727 – NF EN 13697

Yeastcidal and fungicidal activity: NF EN 1275 – NF EN 1650 – NF EN 13624 – NF EN 13697

It is also active on Herpesvirus and Hepatitis B virus.

<p>CE 0459</p>	<p><b>SEPTOL LINGETTES</b>                  Watertight box with distributor and re-closing lid - 6 refills of 120 wipes</p>	<p><b>210 606</b></p>
	<p>Medical device class IIa (LNE-GMED)</p>	

## Septol™ Spray Liquide

ACTIVE  
ON H1N1



Disinfection of surfaces of non-invasive medical devices

### INDICATION

Fast-acting disinfectant, in dental field, for previously cleaned photo polymerize lamp bodies and external components of radiological device heads (non-immersible and non-invasive medical devices).

### PROPERTIES

SEPTOL™ Spray Liquide results from the association of three disinfectant molecules, which have different acting mechanism. On the other hand, it contains a high percentage of alcohol, which ensures a quick drying without traces. Any grease film remains after pulverization.

Colourless clear liquid, slightly perfumed;

SEPTOL Spray Liquide meets the following current standards:

Bactericidal activity: NF EN 13727 - NF EN 1040 -

NF EN 1276 Yeasticidal activity: NF EN 1650 (C.

albicans) - NF EN 1275 (C. albicans) - NF EN 13624

Virucidal activity: NF EN 14476 (Influenza Virus A [H1N1], - NF EN 14476+A1 (Human Herpes Virus type 1

Moreover, SEPTOL Spray Liquide is active against: BK (Mycobacterium tuberculosis), Rotavirus, HIV-1, BVDV (surrogate of HCV), HBV.

CE 0459	<b>SEPTOL SPRAY LIQUIDE</b> - 1 Litre-bottle with a spray attachment	<b>268 349</b>
	<b>SEPTOL SPRAY LIQUIDE</b> - 5 Litre-bottle with a tap attachment	<b>268 348</b>

Medical device class IIa (LNE-GMED)

## Septol™ Empreintes

ALDEHYDE  
FREE

Cleaning and disinfection of dental impressions

### PROPERTIES

- Bottle fitted with integrated measuring cap
- Contact time: 10 minutes
- 10 ml of solution to be added to 1 litre of water
- Colour: yellow
- Aroma: cedrat
- Respects the dimensional stability of the impression
- No interaction with the dental stone

Compliant with standards

- Bactericide/tuberculocide
- Yeasticide
- Virucide

### COMPOSITION

Dimethyl didecyl ammonium chloride ;  
Phenoxyethanol ; non ionic surfactant ; Additives ;  
Excipients.

CE 0459	<b>SEPTOL EMPREINTES</b> 1 liter bottle with a graduated-integrated dosing system Medical device class IIa (LNE-GMED)	<b>268 322</b>
	<b>IMMERSION TANK</b>	<b>268 325</b>



# RESTORATION



## CAV-HYCAL™



Light curing calcium hydroxide cavity liner

**PROPERTIES**

- Monophase.
- Radiopaque.
- Setting time (under halogen lamp): ≤ 20s.
- Depth of polymerization (after 20s light curing): ≥ 1.5mm.
- Compressive strength: 111 - 135MPa.
- Diametral tensile strength: 29 - 44MPa.

- pH (after 2h in aqueous solution): 11 - 11.5.
- Insoluble after polymerization.
- No resorption after polymerization.

**COMPOSITION**

Calcium hydroxide (4.6%), Butylhydroxytoluene, Methacrylate resins, Catalyst, Excipients.

**CE** **CAV-HYCAL**

0459 2 x 2ml syringes and 20 disposable tips.

**213 866**

Medical device class IIa (LNE-GMED)

PR SCELL™  
POLYCARBOXYLATE

Long-lasting luting cement for crowns, bridges, inlays and orthodontic devices

**PROPERTIES**

PR SCELL™ Polycarboxylate is a long-lasting luting cement for crowns, bridges, inlays and orthodontic devices; it is characterized by a good mechanical resistance, a great fineness, an excellent adhesion to enamel, dentin and metals, and a satisfactory tissue tolerance. It releases fluorides (HY agent).

Complies with standard EN ISO 9917-1: "Dental water-based cements - Part 1: Powder/liquid acid-base cements".

**COMPOSITION**

Powder: zinc oxide, fluorides, excipients.  
Liquid: copolymer of acrylic and tricarboxylic acids, excipients.

**CE** **PR SCELL POLYCARBOXYLATE**

0459 60g of powder; 40g (33ml) of liquid; 1 powder measuring spoon.

**213 765**

Medical device class IIa (LNE-GMED)

RESTORATION & CEMENTS

TEMPORARY PROSTHESIS

PR SCELL™  
GLASS-IONOMER

Permanent luting cement for crowns, bridges, posts, inlays and orthodontic devices



**PROPERTIES**

PR SCELL™ Glass-Ionomer is a permanent luting cement for crowns, bridges, posts, inlays and orthodontic devices. It is characterized by a very easy utilisation: relatively insensitive to moisture during application, long working time and instantaneous setting; an extremely fine film is formed, it presents an excellent adhesion to dentin and metals, and satisfactory tissue tolerance. It releases fluorides and hardens without temperature elevation. It is also radiopaque.

PR SCELL™ Glass-Ionomer complies with standard EN ISO 9917-1: "Dental water-based cements - Part 1: Powder/liquid acid-base cements".

**COMPOSITION**

Powder: alumino-silicates, fluorides, excipients.  
Liquid: copolymer of acrylic and tricarboxylic acids, excipients.

CE PR SCELL GLASS-IONOMER 213 770  
0459 15g of powder; 8ml of liquid; 1 powder measuring spoon.

Medical device class IIa (LNE-GMED)

PR SCELL™ IMPLANT

Semi-permanent luting cement



**INDICATION**

Semi-permanent sealing of crowns and bridges over implants.

- Excellent marginal seal thanks to low expansion
- Very thin film thickness (< 20µm)
- Strong adhesion to the teeth
- Can be removed easily

**PROPERTIES**

Optimal sealing  
• Elastic behaviour: shock-absorbent  
• Hermetic seal due to controlled expansion  
• Does not require the use of etching, adhesive or primer  
• Comes in a syringe for easy and straight forward use

**COMPOSITION**

Methacrylic esters, zinc oxide.

CE PR SCELL IMPLANT 213 772  
0459 1 x 5ml dual-compartment syringe (4:1), A3 shade, 10 mixing tips

Medical device class IIa (LNE-GMED)

COOLSIN™

Preparation of temporary crowns and bridges



**INDICATION**

Preparation of temporary crowns and bridges specially designed for temporary long-life prostheses. Ensures the stump is protected from any external aggression.

high colour stability, very little retraction on polymerisation, limited exothermal reaction: no pulpal aggression, excellent fitting, optimal polishing, good compatibility, repairable.

**COMPOSITION**

Matrix of EBPADMA resins, baryum glass, silicon dioxide, excipients.  
Total volume of inorganic fillers: 26%. Inorganic fillers particles size: 0.02 - 2.5µm.

**PROPERTIES**

Acrylic resin with two components, autopolymerisable, automatic mixing (ratio 4:1),

CE COOLSIN 201 069  
0459 1 double cartridge of 50ml containing the base and catalyst, for application with a gun; 15 single-use mixing tips

Medical device class IIa (LNE-GMED)

CE EMBOUTS MÉLANGEURS COOLSIN x 45 201 071  
PISTOLET MÉLANGEUR (MIXPAC™ DS 50 4:1/10:1). 201 072

Medical devices class I

## ADHESIVES & ETCHING

### GEL DE MORDANÇAGE

(Etching gel)

Product for enamel and dentine etching before the application of the amelo-dentinal adhesive



**PROPERTIES**

- Thixotropic gel allowing an easy and precise installation; does not flow
- Blue color easily located for removal.

- It allows to dissolve the mineral matrix (calcium hydroxyapatite) of the tooth.

**COMPOSITION**

37% ortho-phosphoric acid.

**CE GEL DE MORDANÇAGE**

0459 1 x 2.5g syringe of gel, 3 bendable application cannulas

**200 321**

Medical device class IIa (LNE-GMED)

### ADEFIX™ AM

Self-etching amelo-dentinal adhesive



**PROPERTIES**

- One component: lightcuring, self-etching amelo-dentinal adhesive for any adhesion bonding of lightcuring compound resin or lightcuring compomer restorations.
- One layer: 1 step for the dentist (time saving)
- Short lightcuring time: 10s
- Can be used with a LED or halogen light

- Can be used with lightcuring compound resin or lightcuring compomer restoration

**COMPOSITION**

Bis-GMA resins, Ethanol/Water mixing, Additives, catalyst

**CE ADEFIX AM**

0459 1 x 5ml bottle, 50 single-use brushes, 1 application plate

**200 947**

Medical device class IIa (LNE-GMED)

## POSTS

### QUICK'N POST™



Glass fiber root canal posts and drills

**INDICATION**

- Posts for dental reconstruction, particularly for teeth with little or no remaining crown tissue.
- Size 0: lower incisors (refill only)
  - Size 1: upper and lower incisors, first upper premolars
  - Size 2 and 3: upper incisors, canines, premolars, molars

- Retentive surface: highly adhesion with cements
- Radiopaque
- Biocompatible
- Single use [posts]
- Easy to identify thanks to its coloured (blue) central axis
- Easy to remove, if clinically required, thanks to its specific structure to guide the instrument

**PROPERTIES**

- Made of translucent glass fiber (type «S»)
- Conical-cylindrical design respecting the shape of the root canal
- Highly resistant: modulus of elasticity similar to dentin

**COMPOSITION**

- Post: composite reinforced with «S» type glass fiber (= 60%) in an epoxy resin matrix
- Drill: stainless steel

**QUICK'N POST**

Kit : 15 posts (5 size 1 ; 5 size 2 ; 5 size 3) + 3 drills

**251 165**

**REFILL :**

**Posts Size 0 x 10**

**251 169**

**Posts Size 1 x 10**

**251 166**

**Posts Size 2 x 10**

**251 167**

**Posts Size 3 x 10**

**251 168**

**Foret Size 0 x 1**

**251 161**

**Foret Size 1 x 1**

**251 162**

**Foret Size 2 x 1**

**251 163**

**Foret Size 3 x 1**

**251 164**

Medical devices class IIa (LNE-GMED)



## SULCULAR OPENING



EXPASYL™

EXPASYL™

## EXPASYL™



1<sup>st</sup> gingival retraction paste  
15 years of clinical experience

### INDICATIONS

- Conventional or optical impression
- Sealing/ bonding
- Preparation of Class II and V restorations
- Implantology

### PROPERTIES

#### Double action

- Sulcular opening
- Sulcus drying (blood, saliva, fluids)

#### More effective

- Pressure 1.7 to 9.2 times more than the other retraction pastes on the market (AADR - March 2012)
- The paste opens and dries the sulcus
- A high precision conventional or optical impression is obtained

### Better tolerated

Expasyl™, during placement, generates 37 times less pressure than a cord system (JPD - June 2012) :

- the epithelial attachment is kept safe
- No pain for the patient

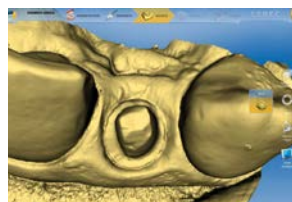
- 5 to 8 applications /capsule (1g)
- Single or multiple preparation
- Access to the anterior and posterior areas

### COMPOSITION

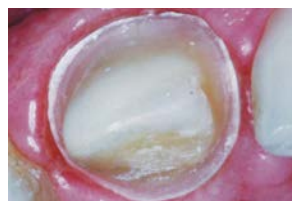
- Aluminium chloride (≈ 15%)
- Kaolin
- Excipients



Dr. Lalet



Dr. Lesage



### Kit



### Expasyl™ Introduction Kit

6 capsules + 12 straight cannulas + 1 manual applicator

294 000

### Applicator



### Manuel applicator

260 900

### Capsules



### 20 capsules Strawberry flavour

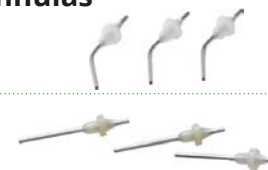
261 001



### 6 capsules 20 capsules

294 010  
261 030

### Cannulas



### 40 bent cannulas 100 bent cannulas

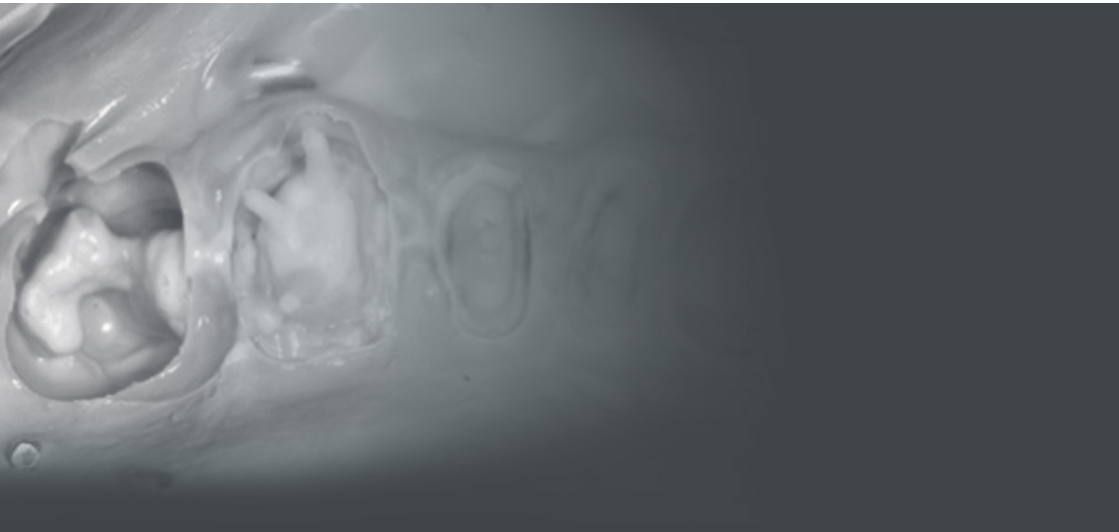
261 045  
261 015

### 40 straight cannulas (can be bent) 100 straight cannulas (can be bent)

261 040  
261 005



Medical device class I



# IMPRESSION MATERIALS

### Algina spray



Preserving impressions

**INDICATION**

Preserving impressions in alginate and/or hydrocolloid.

**PROPERTIES**

Delays drying and avoids size distortion of impressions (plaster moulding /may be delayed up to 3 days).  
Improves the quality of the plaster (quick moulding).  
Allows to produce 1 plaster model + 1 copy.

**COMPOSITION**

Polyethylene glycol, Propylene glycol, Water, corrosion inhibitors and sulphating of plaster, Preserving agent and disinfectant, Inert propulsive gas: Nitrogen

**ALGINA SPRAY (200ml)**

1 x 200ml pressurized bottle; 100 plastic bags.

**278 652**

### Chromalg'x™



Dental alginate impression material

**INDICATION**

Dental alginate impressions.

**PROPERTIES**

Chromatic alginate: its color changes according to the progression of setting.  
Blue color, raspberry flavour.

Setting time: 2min 20s to 2min 40s.

Complies with Standard ISO 1563: Alginate based impression material.

**COMPOSITION**

Alginate salts, Mineral charge, Colouring agents and food flavourings

**CHROMALG´X**

1 box containing 2 x 500g bags, powder and water measuring spoons.

**263 617**

**CHROMALG´X ECO**

1 box containing 12 x 500g bags, powder and water measuring spoons.

**263 618**

**CHROMALG´X CLINIC**

24 x 500g bags, powder and water measuring spoons.

**263 619**

Medical device class I

### Orthofast™



Dental impression material based on alginate

**INDICATION**

Dental alginate impressions.

**PROPERTIES**

Very short setting time, especially for orthodontics: 1 min 40s to 2min.  
Orange colour, Apricot flavour.

Complies with Standard ISO 1563:1990: Alginate based impression material.

**COMPOSITION**

Alginate salts; Mineral charge; Colouring agents and food flavourings.

**ORTHOFAST**

1 box containing 2 x 500g bags, powder and water measuring spoon

**263 621**

**ORTHOFAST ECO**

1 box containing 12 x 500g bags, powder and water measuring spoon

**263 622**

**ORTHOFAST CLINIC**

24 x 500g bags, powder and water measuring spoons

**263 623**

Medical device class I

### Pralg'x™



Dental impression material based on alginate

**INDICATION**

Dental alginate impressions.

**PROPERTIES**

High resistant alginate.  
Setting time: 2min 10s to 2min 30s.  
Green colour, Mint flavour.

Complies with Standard ISO 1563:1990: Alginate based impression material.

**COMPOSITION**

Alginate salts; Mineral charge; Colouring agents and food flavourings.

**PRALG´X**

1 box containing 2 x 500g bags, powder and water measuring spoon

**263 614**

**PRALG´X ECO**

1 box containing 12 x 500g bags, powder and water measuring spoon

**263 615**

**PRALG´X CLINIC**

24 x 500g bags, powder and water measuring spoons

**263 616**

Medical device class I

**Kite Surf™ Putty Soft**



Addition silicone for precision impressions

**INDICATION**

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**PROPERTIES**

- Hydrocompatible
- High viscosity

**COMPOSITION**

Polyvinylsiloxane, silica, excipients.

CE	<b>KITE SURF PUTTY SOFT Normal setting</b>	<b>281 100</b>
	<b>KITE SURF PUTTY SOFT Fast setting</b>	<b>281 300</b>

1x300ml jar of base, 1x300ml jar of catalyst, 2 spoons

Medical devices class I

**Kite Surf™ Putty Soft XL**



Addition silicone for precision impressions

**INDICATION**

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

- Bright, contrasting colors
- Bubble gum flavour
- Cartridges compatible with all automatic mixing machines.

**PROPERTIES**

- Hydrocompatible
- High viscosity
- Time management (snap-set effect)

**COMPOSITION**

Polyvinylsiloxane, silica, excipients.

CE	<b>KITE SURF PUTTY SOFT XL Ultra Fast setting</b>	<b>270 004</b>
	<b>KITE SURF PUTTY SOFT XL Normal setting</b>	<b>270 012</b>
	<b>KITE SURF XL MIXING TIPS x 50</b>	<b>270 030</b>
	<b>KITE SURF LOCKING RINGS x 2</b>	<b>270 011</b>
	<b>KITE SURF MACHINE (automatic mixer)</b>	<b>270 010</b>

2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

Medical devices class I

**Kite Surf™ Heavy XL**



Addition silicone for precision impressions

**INDICATION**

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

Cartridges compatible with all automatic mixing machines. Complies with ISO 4823 standards "Dental practice - Elastomeric impression materials".

**PROPERTIES**

High viscosity, fast setting.

**COMPOSITION**

Polyvinylsiloxane, silica, catalyst, excipients.

CE	<b>KITE SURF HEAVY XL Fast setting</b>	<b>270 005</b>
	<b>KITE SURF XL MIXING TIPS x 50</b>	<b>270 030</b>
	<b>KITE SURF LOCKING RINGS x 2</b>	<b>270 011</b>
	<b>KITE SURF MACHINE (automatic mixer)</b>	<b>270 010</b>

2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

Medical devices class I

**Kite Surf™ Monophase XL**



Addition silicone for precision impressions

**INDICATION**

Single-phase precision impression with a single material for individual impression trays.

Cartridges compatible with all automatic mixing machines. Complies with ISO 4823 standards "Dental practice - Elastomeric impression materials".

**PROPERTIES**

Intermediate viscosity, normal setting.

**COMPOSITION**

Polyvinylsiloxane.

CE	<b>KITE SURF MONOPHASE XL Normal setting</b>	<b>270 006</b>
	<b>KITE SURF XL MIXING TIPS x 50</b>	<b>270 030</b>
	<b>KITE SURF LOCKING RINGS x 2</b>	<b>270 011</b>
	<b>KITE SURF MACHINE (automatic mixer)</b>	<b>270 010</b>

2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

Medical devices class I

**Kite Surf<sup>TM</sup> Regular**



Addition silicone for precision impressions

**INDICATION**

Corrective impression: in the dual mixture technique (suitable for injection).  
Single-phase impression: with individual impression carrier.  
Triple viscosity impression.

**PROPERTIES**

Intermediate viscosity, normal setting.  
Complies with ISO 4823 standards "Dental practice - Elastomeric impression materials".

**COMPOSITION**

Polyvinylsiloxane, silica, catalyst, excipients.

CE	<b>KITE SURF REGULAR Normal setting</b>	<b>281 380</b>
	2 x 50ml cartridges (base and catalyst) and 48 mixing tips	
	<b>KITE SURF REGULAR MIXING TIPS x 48</b>	<b>281 385</b>
	<b>KITE SURF REGULAR ORAL TIPS x 96</b>	<b>281 390</b>
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I

**Kite Surf<sup>TM</sup> Light (ultra low consistency)**



Addition silicone for high precision impressions

**INDICATION**

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**PROPERTIES**

- High hydrophily
- Low viscosity - ultra low consistency

**COMPOSITION**

Polyvinylsiloxane, silica, catalyst, excipients.

CE	<b>KITE SURF LIGHT Normal setting</b>	<b>281 150</b>
	<b>KITE SURF LIGHT Fast setting</b>	<b>281 350</b>
	2 x 50ml cartridges (base and catalyst) and 48 mixing tips	
	<b>KITE SURF LIGHT MIXING TIPS x 48</b>	<b>281 355</b>
	<b>KITE SURF LIGHT ORAL TIPS x 96</b>	<b>281 365</b>
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I

**Kite Surf<sup>TM</sup> Basic Light (low consistency)**



Addition silicone for high precision impressions

**INDICATION**

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**PROPERTIES**

- High hydrophily
- Low viscosity - liquid consistency

**COMPOSITION**

Polyvinylsiloxane, silica, catalyst, excipients.

CE	<b>KITE SURF BASIC LIGHT Normal setting</b>	<b>281 375</b>
	<b>KITE SURF BASIC LIGHT Fast setting</b>	<b>281 370</b>
	2 x 50ml cartridges (base and catalyst) and 48 mixing tips	
	<b>KITE SURF LIGHT MIXING TIPS x 48</b>	<b>281 355</b>
	<b>KITE SURF LIGHT ORAL TIPS x 96</b>	<b>281 365</b>
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I

**Kite Surf<sup>TM</sup> Occlusion**



Bite registration material

**PROPERTIES**

- Colour : yellow.
- Fast setting.
- High viscosity.
- Easy to use (good thixotropy - easily removed).
- High final hardness (easily modelled with a drill).
- High dimensional stability.

**COMPOSITION**

Polyvinylsiloxane, silica, excipients.

CE	<b>KITE SURF OCCLUSION</b>	<b>281 175</b>
	2 x 50ml cartridges (base and catalyst), 12 mixing tips and 12 intraoral tips	
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I

## GUMAK™ Addition Putty Soft



Impression material based on addition curing silicone

### INDICATION

Double mix impression (1 step) or wash technique impression (2 steps).

### COMPOSITION

Polyvinylsiloxane, Fillers, Colouring agents.

### PROPERTIES

Complies with ISO 4823 standards "Dental practice - Elastomeric impression materials".

CE	<b>GUMAK ADDITION PUTTY SOFT Normal setting</b>	<b>241 120</b>
	1 x 300ml jar of base, 1 x 300ml jar of catalyst, 2 spoons	
	<b>GUMAK ADDITION PUTTY SOFT Fast setting</b>	<b>241 100</b>
	1 x 300ml jar of base, 1 x 300ml jar of catalyst, 2 spoons	

Medical devices class I

## GUMAK™ Addition Light



Impression material based on addition curing silicone

### INDICATION

Double mix impression (1 step) or wash technique impression (2 steps).

### COMPOSITION

Polyvinylsiloxane, Fillers, Colouring agents.

### PROPERTIES

Complies with ISO 4823 standards "Dental practice - Elastomeric impression materials".

CE	<b>GUMAK ADDITION LIGHT Normal setting</b>	<b>264 300</b>
	<b>GUMAK ADDITION LIGHT Fast setting</b>	<b>264 200</b>
	2 cartridges of 50ml (base and catalyst) and 12 single-use mixing tips	
	<b>LIGHT MIXING TIPS x 48</b>	<b>281 355</b>
	<b>LIGHT ORAL TIPS x 96</b>	<b>281 365</b>
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I



Flexible rebasing material

### INDICATION

Soft and permanent rebasing of full and partial prostheses: to treat areas of excess pressure, to improve adhesion in the case of flabby ridges, to help cicatrization after implantation or extraction.

guaranteeing a fast and easy work, using the directly in mouth soft rebasing technique.

### COMPOSITION

Rebasing silicone: polydimethylsiloxane, silica, excipients.

Adhesive: Ethyl acetate, modified polyacrylate.

Varnish: polydimethylsiloxane, silica, excipients.

### PROPERTIES

KITE SURF™ Rebasage is a pale pink silicone by addition, allowing a soft and permanent rebasing. It is suitable for all types of resin-based (PMMA) prostheses. KITE SURF™ Rebasage is an autopolymerizing material, available in cartridges (automatic mixing), cold-hardening and

CE	<b>KITE SURF REBASAGE</b>	<b>281 417</b>
	1x 50ml cartridge of rebasing silicone (base and catalyst), 12 mixing tips	
	<b>KITE SURF REBASAGE ADHESIF</b>	<b>281 415</b>
	1 x 5ml bottle	
	<b>KITE SURF REBASAGE VERNIS</b>	<b>281 416</b>
	2 x 10ml (20ml) bottles of varnish (base and catalyst) for surface finishing	
	<b>KITE SURF APPLICATOR</b>	<b>281 155</b>

Medical devices class I



Adhesive for silicone-based impression material

### PROPERTIES

Kite Surf™ Adhésif guarantees perfect adhesion between addition or condensation silicone-based impression materials and for slightly or non-retentive impression trays (plastic or resin).

### COMPOSITION

Xylene, toluene, polysiloxane resin.

CE	<b>KITE SURF ADHESIF</b>	<b>281 172</b>
	10ml bottle with a brush-stopper	

Medical device class I



Indicator of overpressure/compression areas

**INDICATION**

Kite Surf™ Spot allows to show the compression areas of mucous membranes under (new or old) total and partial prostheses and the overpressure areas in too tight bridges and crowns.

Owing to its specially designed color, contrasting with the one of the prosthesis, the legibility is reliable and accurate. Kite Surf™ Spot is suitable for all the resin-based prostheses.

**PROPERTIES**

Low-viscosity condensation curing silicone.

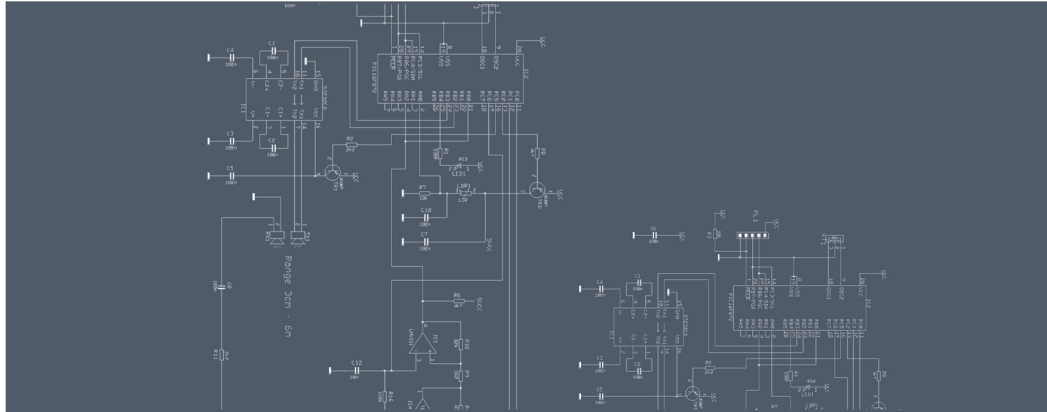
**COMPOSITION**

Base: polysiloxane, mineral filler, excipients.  
Catalyst: stano-organic compound, excipients.

CE **KITE SURF SPOT**  
1 x 140ml tube of base, 1 x 20ml tube of catalyst, 1 pen

**281 180**

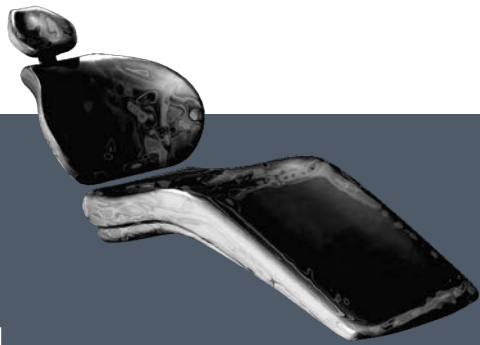
Medical device class I



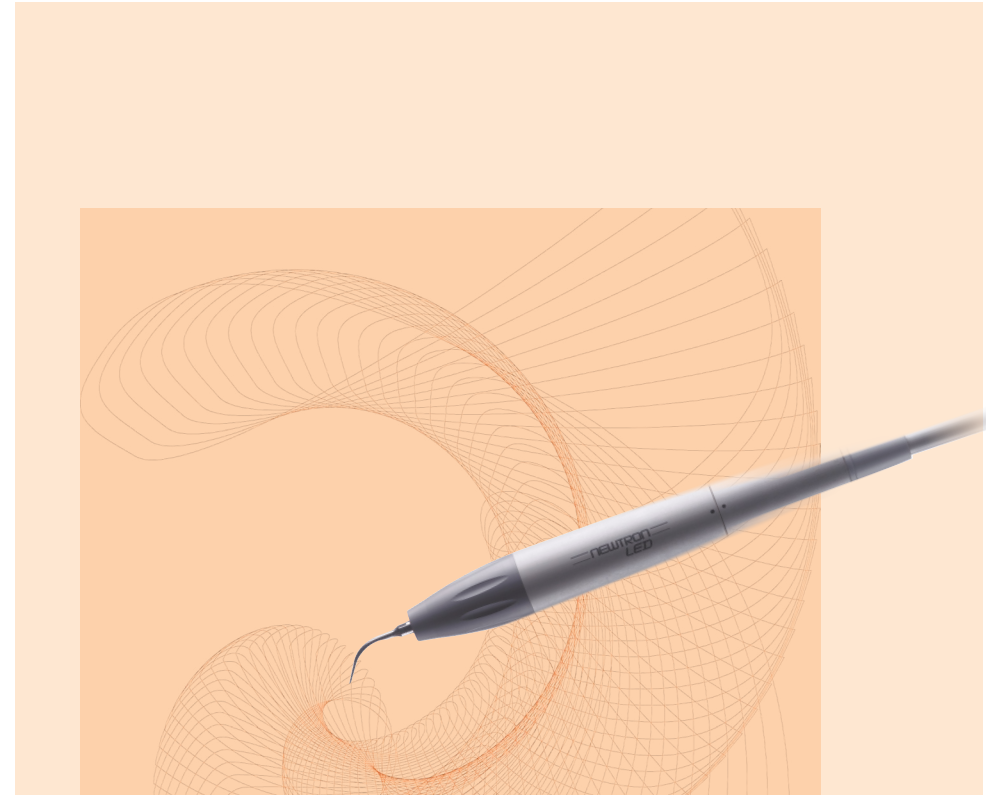
- Ultrasonics..... 225**
  - SP Newtron® .....226
  - SP Newtron® LED.....228
  - Other modules .....230
  - Cords .....231
  - Accessories .....232
- Motors ..... 235**
  - Modules.....236
  - Accessories .....237
- Polymerization ..... 239**
  - Curing lights .....240
  - Modules and cords .....242
  - Former generations.....243
- Intraoral cameras ..... 245**
  - Modules.....246
  - Linking cables .....247
  - Configuration .....251



OEM OEM OEM OEM OEM OEM OEM OEM



I AM  
ALL INTEGRATED



**ULTRASONICS**

225





### MODULES



**SP NEWTRON® 4K5V MODULE with connectors**

**F55297**



**SP NEWTRON® MODULE with wires**

**F55298**



**SP NEWTRON® MODULE Adec 500**

**F55287**



### STANDARD KITS

		Cord			Hand-piece	Potentiometer	Tips	
Color	Ø	Length	Ref.					
<b>&gt; With LIGHT GREY cord</b>								
F55292	SP Newtron 4K5V	R7035	4x6	2070	F00195	F12281	F00524	1, 2, 10P
F55349	SP Newtron 4K5V with connectors	P166	6x8	2070	F00239	F12281	F00524	1, 2, 10P
<b>&gt; with DARK GREY cord</b>								
F55311	SP Newtron 4K5V	P107	7x10	1500	F00426	F12281	F00524	1, 2, 10P
F55353	SP Newtron	P107	4x6	2300	F00433	F12281	F00524	1, 2, 10P
F55375	SP Newtron 4,7K5V	P107	4x6	2300	F00187	F12281	-	1, 2, 10P

### B.LED KITS

		Cord			Hand-piece	Potentiometer	Tips	
Color	Ø	Length	Ref.					
<b>&gt; With LIGHT GREY cord</b>								
F56260	SP Newtron Slim BLED HP	P166	4,5x6,5	2080	F04590	F12905	F00522	1, 2, 10P
<b>&gt; with MEDIUM GREY cord</b>								
F56262	SP Newtron Slim BLED HP	P101	4,5x6,5	2080	F04591	F12905	F00522	1, 2, 10P
<b>&gt; with DARK GREY cord</b>								
F56263	SP Newtron Slim BLED HP	P359	4,5x6,5	2080	F04592	F12905	F00522	1, 2, 10P

### SPECIFIC KITS

		Cord			Hand-piece	Potentiometer	Tips	
Color	Ø	Length	Ref.					
<b>&gt; With LIGHT GREY cord</b>								
F55299	SP Newtron OMS	P166	6x8	2070	F00239	F12281	F00524	1, 2, 10P
<b>&gt; with MEDIUM GREY cord</b>								
F55383	SP Newtron Adec 500 INTL 81" G3	P101	5x7	1900	F01154	F12281	-	1, 2, 10P
F55385	SP Newtron Adec 500 INTL 61" G3	P101	5x7	1400	F01153	F12281	-	1, 2, 10P
F55453	SP Newtron Adec INTL 81"	P101	5x7	1900	F01154	F12281	-	1, 2, 10P
<b>&gt; with DARK GREY cord</b>								
F55372	SP Newtron Mikrona	P359	4x6	2300	F00150	F12281	-	1 (x2), 2, 3, H3
<b>&gt; with ADEC GREY cord</b>								
F55285	SP Newtron 500 Intl 61 "	WS70	5x7	1400	F00184	F12281	-	1, 2, 10P
F55452	SP Newtron 81" Intl	WS70	5x7	1900	F00188	F12281	-	1, 2, 10P
F56274	SP Newtron 4K5V	WS70	5x7	2300	F01180*	F12281	E51745	

\*Discontinued, available until stock runs out

SP NEWTRON® LED



## MODULES



**SP NEWTRON® LED 4K5V MODULE with wires**

**F55528**



**SP NEWTRON® LED 4K3,7V MODULE with special connection**

**F55529**

## STANDARD KITS

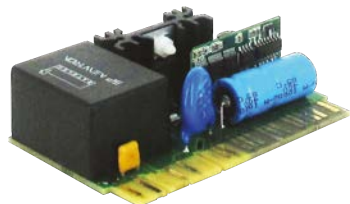
		Cord			Hand-piece	Potentiometer	Tips	
		Color	Ø	Length				
<b>&gt; With LIGHT GREY cord</b>								
F55506	SP Newtron LED 4K5V	R9002	5x7	2070	F00606	F12609	F00524	1, 2, 10P
F55543	SP Newtron LED 4K5V 6x8 cord	P166	6x8	2070	F00614	F12609	F00524	1, 2, 10P
<b>&gt; with MEDIUM GREY cord</b>								
F55525	SP Newtron LED Driver	P101	6x8	2300	F00633	F12609	F00524	1S, 2, 10P
<b>&gt; with DARK GREY cord</b>								
F55374	SP Newtron LED 4,7K5V	R7038	5x7	2300	F00618	F12609	-	1, 2, 10P
F55507	SP Newtron LED	P107	7x10	2300	F00618	F12609	F00524	1, 2, 10P

## SPECIFIC KITS

		Cord			Hand-piece	Potentiometer	Tips	
		Color	Ø	Length				
<b>&gt; with MEDIUM GREY cord</b>								
F55454	SP Newtron LED Adec INTL 81"	P101	5x7	1900	F00633	F12609	F00525	1, 2, 10P
F55501	SP Newtron LED Fedesa	P101	7x10	1900	F00607	F12609	F00524	1, 2, 10P
<b>&gt; with ADEC GREY cord</b>								
F55510	SP Newtron LED Midmark	WS70	5x7	1400	F00616	F12609	F00525	1, 10Z, H3
F55512	SP Newtron LED	WS70	5x7	2300	F01182	F12609	F00524	1, 2, 10P



SP 4055 NEWTRON



SP 4055 NEWTRON MODULE

F55270

Cord				Hand-piece	Potentiometer	Tips
Color	Ø	Length	Ref.			

> with DARK GREY cord

F55377	SP 4055 Newtron LED Driver	P107	6x8	2300		F12609	-	H3, K15-21
F56268	SP 4055 Newtron Belmont	P107	6x8	2300		F12281	-	1, H3

SP 4055



SP 4055 MODULE

F55140

Cord				Hand-piece	Potentiometer	Tips
Color	Ø	Length	Ref.			

> With LIGHT GREY cord

F55251	SP 4055 Ster Handpiece	R7035	4x6	2070		F12200	F00522	1, 2, 10P
--------	------------------------	-------	-----	------	--	--------	--------	-----------

STANDARD CORDS

Color	Ø	Length
-------	---	--------

> LIGHT GREY

F00195	Light grey silicone cord	R7035	4x6	2070
F00239	Silicone cord 6x8	P166	6x8	2070
F00416*	Light grey silicone cord units USA	P166	4x6	2030

> MEDIUM GREY

F01153	Newtron cord 61"	P101	5x7	1400
F01154	Newtron cord 81"	P101	5x7	1900

> DARK GREY

F00150	Silicone cord P359	P359	4x6	2300
F00187	Silicone cord P107	P107	4x6	2300
F00426	Takara cord	P107	7x10	1500
F00433	P107 cord	P107	4x6	2300
F01157	Belmont cord	P107	6x8	2300

> ADEC GREY

F00184	Newtron cord 61"	WS70	5x7	1400
F00188	Newtron cord 81"	WS70	5x7	1900
F00234	Silicone cord Adec	P358	6x8	2300
F01180*	Adec cord	WS70	5x7	2300

LED CORDS

Color	Ø	Length
-------	---	--------

> LIGHT GREY

F00606	OEM cord	R9002	5x7	2070
F00614	Newtron LED cord	P166	6x8	2070
F04590	LED Slim cord	P166	4,5x6,5	2080

> MEDIUM GREY

F00607	Fedesa LED cord	P101	7x10	1900
F00633	Newtron LED cord 81"	P101	5x7	1900
F04591	LED Slim cord	P101	4,5x6,5	2080

> DARK GREY

F00610	Newtron LED cord 1.50m	P107	7x10	1500
F00618	Newtron LED cord 2.30m	P107	6x8	2300
F04592	LED Slim cord	P359	4,5x6,5	2080

> ADEC GREY

F01182	LED handpiece cord	WS70	5x7	2300
F00616	LED handpiece cord Surf 6 Adec		5x7	1400

\*Discontinued, available until stock runs out.

**HANDPIECES**



**Suprasson handpiece**  
autoclavable, light grey

**F12200**



**NEWTRON® handpiece**  
autoclavable, light grey/dark grey

**F12281**



**Newtron® LED handpiece**  
autoclavable

**F12609**



**Low voltage Newtron® LED handpiece**  
autoclavable

**F12607**



**NEWTRON® SLIM B.LED handpiece**  
with white LED ring

**F12905**

**HANDPIECES ACCESSORIES**



**LED ring**  
for NEWTRON® LED handpiece

**F12605**



**Low voltage LED ring**  
for low voltage NEWTRON® LED handpiece

**F12606**



**Blue LED ring**  
for NEWTRON® SLIM B.LED handpiece

**F62201**



**White LED ring**  
or NEWTRON® SLIM B.LED handpiece

**F12915**



Potentiometer 4,7K

**F00522**



Color potentiometer SP Newtron® 4,7K

**F00524**



OEM kit LUX handpiece > LED handpiece

**F12686**



Wiring extension SP Newtron® LED

**F55522**



SP Newtron® dummy load

**F00021**

**IRRIGATION**



**Steri Pump kit without module**  
Delivered with 2 autoclavable irrigation lines  
and 10 perforators.

**F28653**



**Steri Pump module**

**F28660**

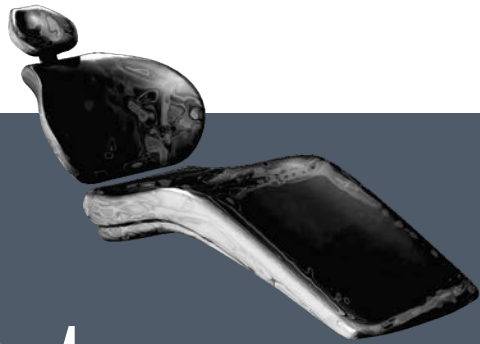
**Steri Pump kit + module**  
Delivered with a Steri Pump, Steri Pump module, 2 autoclavable irrigation lines  
and 10 perforators.

**F28652**

**Complete Steri Pump kit**  
Delivered with a Steri Pump, a Steri Pump module, 2 autoclavable irrigation lines,  
10 perforators, 5 clips, a 4.7K potentiometer.

**F28650**

OEM OEM OEM OEM OEM OEM OEM OEM



I AM  
ALL INTEGRATED



**MOTORS**



MODULES



**M6 MODULE**  
without option

**F34300**



**M6P MODULE**  
Pneumatic option with connectors

**F34304**

M6PL Motor command module

**X34250**

ACCESSORIES

**MOTORS (NEW GENERATION)**



Light motor

**F28600**



External spray AV40 motor

**F28502**



Internal spray IS40 motor

**F28602**

**MOTOR CORDS (NEW GENERATION)**



Light and IS motors medium grey cord

**F33711**



AV motor medium grey cord

**F33712**



Light motor black coiled cord

**F33713**

**MOTOR CORDS (FORMER GENERATION)**



Light grey silicone cord for IS/IMN  
*Discontinued, available until stock runs out*

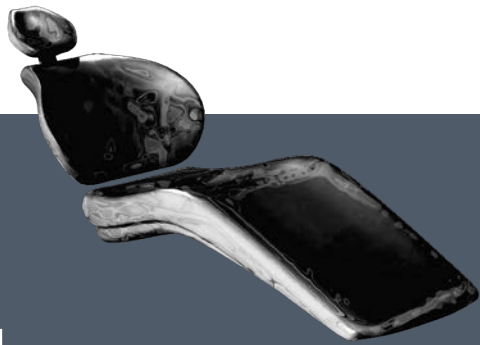
**F33514**



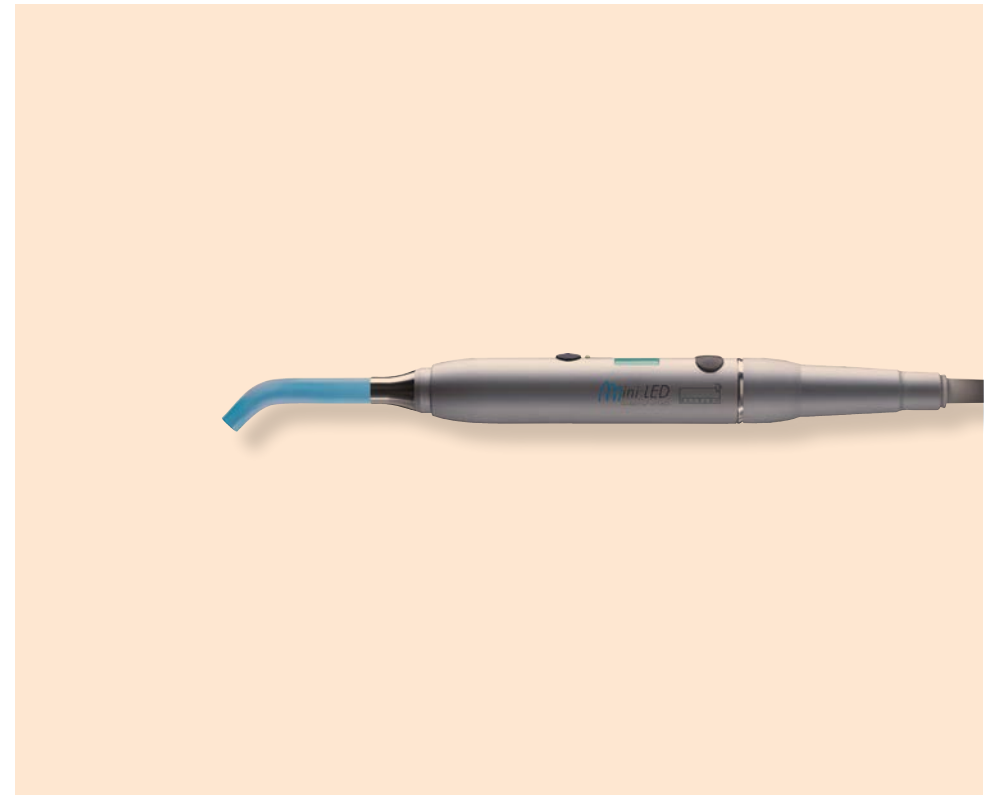
Autoclavable cord for ST motor  
*Discontinued, available until stock runs out*

**F33605**

OEM OEM OEM OEM OEM OEM OEM OEM



I AM  
ALL INTEGRATED



**POLYMERIZATION**

239





**Mini L.E.D. OEM (with module)**

**Mini LED™ OEM**

Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and an oval light shield.

- with ADEC Surf 6 cord** **F02505**
- with medium grey cord** **F02719**
- with dark grey cord** **F02720**
- with ADEC 500 Gray 3 (medium grey) cord** **F02538**

**Mini LED™ OEM**

Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and 2 caps.

- with light grey cord** **F02715**

Mini LED™ OEM handpiece

**F02710**

**Mini L.E.D. OEM (without module)**

**Mini LED™ OEM without module**

Delivered with a handpiece, a Ø7.5mm opalescent guide and an oval light shield.

- with medium grey cord** **F02693**
- with dark grey cord** **F02694**

**Mini LED™ OEM**

Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and 2 caps.

- with light grey cord** **F02714**

Mini LED™ OEM handpiece

**F02710**

**Mini LED SuperCharged OEM**



**Mini LED™ SuperCharged OEM**

Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and an oval light shield.

- with dark grey cord** **F05207**
- with medium grey cord** **F05206**
- with light grey cord** **F05205**
- with ADEC Surf 6 cord** **F05208**





Mini LED™ SuperCharged OEM handpiece

**F05218**







MODULES AND CORDS

FORMER GENERATIONS

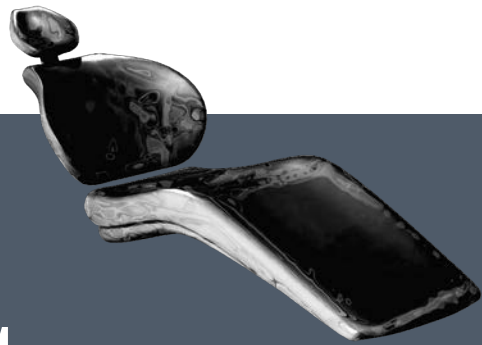
	<b>OEM module</b>	<b>F02730</b>
	<b>Dark grey cord</b>	<b>F02721</b>
	<b>Medium grey cord</b>	<b>F02722</b>
	<b>Light grey cord</b>	<b>F02723</b>
	<b>ADEC Surf 6 cord</b>	<b>F02326</b>
	<b>ADEC 500 Gray 3 (medium grey) cord</b>	<b>F02327</b>

Mini LED™ AutoFocus

	<b>Mini LED™ AutoFocus OEM module</b> <i>Discontinued, available until stock runs out</i>	<b>F02982</b>
	<b>Mini LED™ AutoFocus dark grey cord</b> <i>Discontinued, available until stock runs out</i>	<b>F02981</b>
<b>SL3055</b>	<b>SL3055 bulb 8V-50W</b>	<b>E00909</b>
		
<b>SL4055</b>	<b>SL4055 fiber Ø8mm</b> <i>Discontinued, available until stock runs out</i>	<b>F02403</b>
		

For standard accessories, please refer to tabletop curing lights 84-88

OEM OEM OEM OEM OEM OEM OEM OEM



I AM  
ALL INTEGRATED



## INTRAORAL CAMERAS

245



**BUILT-IN DOCKING STATIONS**



**Dock MU Video**  
Built-in docking station with image memory  
*Please select the accessories for this module on page 235.*



**Dock MU USB2 Windows**  
Built-in docking station with image memory and USB2 output  
*Please select the accessories for this module on page 235.*



**Dock U USB2 Windows**  
Built-in docking station with USB2 output  
*Please select the accessories for this module on page 235.*



**Mini dock U USB2 Windows**  
Built-in docking station with USB2 output  
*Please select the accessories for this module on page 235.*



**Dock MU USB2 Mac**  
Built-in docking station with image memory and USB2 output  
*Please select the accessories for this module on page 235.*



**Dock U USB2 Mac**  
Built-in docking station with USB2 output  
*Please select the accessories for this module on page 235.*



**Mini dock U USB2 Mac**  
Built-in docking station with USB2 output  
*Please select the accessories for this module on page 235.*



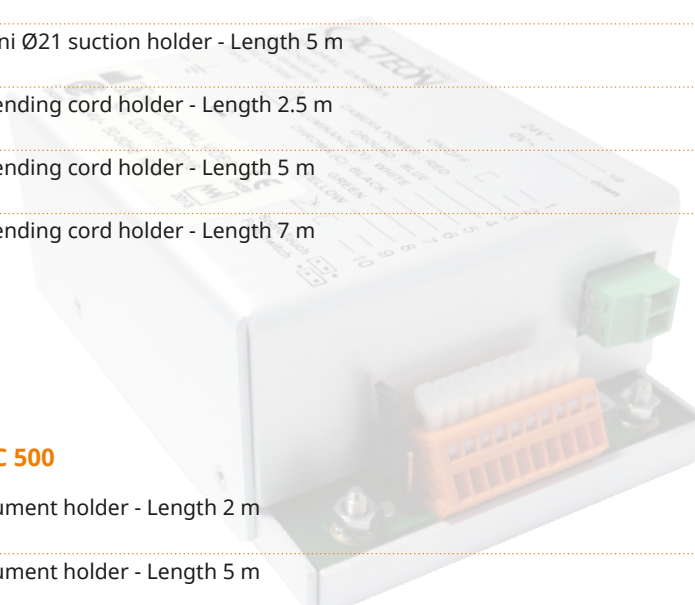
**LINKING CABLES FOR BUILT-IN DOCKING STATIONS TYPE MU**

**WITHOUT SHEATH**

Length 2,5 m	<b>922062</b>
Length 5 m	<b>922063</b>
Length 7 m	<b>922064</b>

**SATELEC®**

Instrument holder - Length 2.5 m	<b>922065</b>
Instrument holder - Length 5 m	<b>922066</b>
Instrument holder - Length 7 m	<b>922067</b>
Cattani Ø21 suction holder - Length 5 m	<b>922075</b>
UK pending cord holder - Length 2.5 m	<b>922086</b>
UK pending cord holder - Length 5 m	<b>922087</b>
UK pending cord holder - Length 7 m	<b>922088</b>



**ADEC 500**

Instrument holder - Length 2 m	<b>922098</b>
Instrument holder - Length 5 m	<b>922099</b>
Instrument holder - Length 7 m	<b>922100</b>
Cattani Ø21 suction holder - Length 2 m	<b>922101</b>
Cattani Ø21 suction holder - Length 5 m	<b>922102</b>
Cattani Ø21 suction holder - Length 7 m	<b>922103</b>
UK pending cord holder - Length 2 m	<b>922104</b>
UK pending cord holder - Length 5 m	<b>922105</b>
UK pending cord holder - Length 7 m	<b>922106</b>

## LINKING CABLES

### ADEC 300

UK pending cord holder - Length 2 m

922126

UK pending cord holder - Length 7 m

922127

### BELMONT

Instrument holder - Length 2,5 m

922068

Instrument holder - Length 5 m

922069

Instrument holder - Length 7 m

922070

Cattani Ø21 suction holder - Length 2,5 m

922080

Cattani Ø21 suction holder - Length 5 m

922081

UK pending cord holder - Length 7 m

922094

### FEDESA

Instrument holder - Length 2,5 m

922071

Instrument holder - Length 5 m

922072

Instrument holder - Length 7 m

922073

Cattani Ø21 suction holder - Length 5 m

922084

## LINKING CABLES FOR BUILT-IN DOCKING STATIONS TYPE U

### WITHOUT SHEATH

Length 2,5 m

922144

Length 5 m

922145

Length 7 m

922146

### SATELEC®

Instrument holder - Length 2,5 m

922147

Instrument holder - Length 5 m

922148

Instrument holder - Length 7 m

922149

Cattani Ø21 suction holder - Length 5 m

922150

UK pending cord holder - Length 2,5 m

922151

UK pending cord holder - Length 5 m

922152

UK pending cord holder - Length 7 m

556,00 €

922153

### ADEC 500

Instrument holder - Length 2 m

922154

Instrument holder - Length 5 m

922155

Instrument holder - Length 7 m

922156

Cattani Ø21 suction holder - Length 2 m

922157

Cattani Ø21 suction holder - Length 5 m

922158

Cattani Ø21 suction holder - Length 7 m

922159

UK pending cord holder - Length 2 m

922138

UK pending cord holder - Length 5 m

922160

UK pending cord holder - Length 7 m

922139

## LINKING CABLES

### ADEC 300

UK pending cord holder - Length 2 m

922140

UK pending cord holder - Length 7 m

922141

### BELMONT

Instrument holder - Length 2,5 m

922161

Instrument holder - Length 5 m

922162

Instrument holder - Length 7 m

922163

Cattani Ø21 suction holder - Length 2,5 m

922164

Cattani Ø21 suction holder - Length 5 m

922165

UK pending cord holder - Length 7 m

922166

### FEDESA

Instrument holder - Length 2,5 m

922167

Instrument holder - Length 5 m

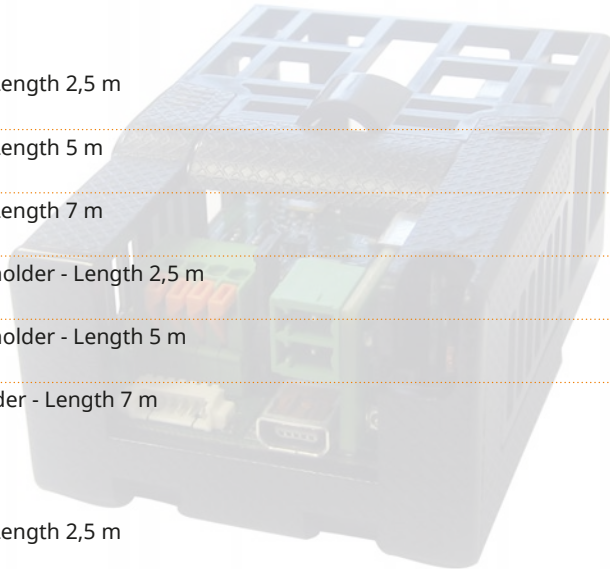
922168

Instrument holder - Length 7 m

922143

Cattani Ø21 suction holder - Length 5 m

922142



## CONFIGURATION

### CONFIGURATION OF DOCK MU AND DOCK U

#### BUILT-IN DOCKING STATION



Dock MU USB2  
or  
Dock MU Video



Dock  
U USB2



Mini dock  
U USB2

#### SHEATH



RAL 9002  
color



A-dec 300  
color



A-dec 500  
color



Belmont  
color



Fedesa  
color



Without sheath

#### HOLDER



Instrument



Standard



Cattani Ø21



UK pending



Handpiece  
holder

#### LINKING CABLE



2m



2,5m



5m



7m

#### ACCESSORIES



Footswitch



Video cable RCA/RCA  
1,5m



S-video cable YC/YC  
1,5m or 5m



USB2.0 cable  
2m, 5m or 8m  
Only available in 5m  
for Dock U USB2

---

INNOVATION  
CHANGES  
PRODUCTS  
PROGRESS  
CHANGES  
BEHAVIOURS

---

INFOS &  
CONTACTS



ACTEON® IS REPRESENTED IN MORE THAN 100 COUNTRIES AROUND THE WORLD

### MANUFACTURING PLANTS

EQUIPMENT, CONSUMABLES	MERIGNAC (France) e-mail: info@acteongroup.com
DENTAL AND MEDICAL IMAGING	LA CIOTAT (France) e-mail: info@sopro.acteongroup.com
DENTAL RADIOLOGY	MILAN (Italy) e-mail: degotzen@degotzen.com
MEDICAL ENDOSCOPES	TUTTLINGEN (Germany) e-mail: info@sopro.acteongroup.com

### SUBSIDIARIES

ACTEON® NORTH AMERICA (Philadelphia)	e-mail: info@us.acteongroup.com
ACTEON® GERMANY (Düsseldorf)	e-mail: info@de.acteongroup.com
ACTEON® IBERICA (Barcelona)	e-mail: info@es.acteongroup.com
ACTEON® UK (Cambridge)	e-mail: info@acteongroup.co.uk
ACTEON® THAILAND (Bangkok)	e-mail: info@th.acteongroup.com
ACTEON® INDIA (Delhi)	e-mail: info@in.acteongroup.com

### REPRESENTATIVE OFFICES

ACTEON® ITALIA (Milan)	e-mail: andrea.castellini@acteongroup.com
ACTEON® MIDDLE EAST (Amman)	e-mail: info@me.acteongroup.com
ACTEON® CHINA (Beijing)	e-mail: beijing@cn.acteongroup.com
ACTEON® LATIN AMERICA (Bogota)	e-mail: amlatina@es.acteongroup.com
ACTEON® RUSSIA (Moscow)	e-mail: info@acteongroup.ru
ACTEON® AUSTRALIA / NEW ZEALAND (Sydney)	e-mail: info@au.acteongroup.com
ACTEON® TAIWAN (Taipei)	e-mail: zevi.liu@acteongroup.com





**CERTIFICAT  
CERTIFICATE OF REGISTRATION  
N° 7919 rev. 6**

Le LNE certifie que le système de management de la qualité développé par  
*LNE certifies that the quality management system developed by*

**SATELEC**  
A Company of ACTEON Group  
17 av. Gustave Eiffel  
BP 30216  
33708 MERIGNAC Cedex  
FRANCE

pour les activités  
*for the activities*

Conception, fabrication, service après-vente et ventes d'appareils électroniques à usage dentaire, de dispositifs d'électrochirurgie et d'accessoires stériles et non stériles  
Conception, fabrication, service après-vente et ventes d'appareils électroniques destinés à la chirurgie des os et substituts osseux, avec leurs accessoires stériles et non stériles

*Design, manufacture, after-sales service and sales of dental electronics, electrosurgery equipment and sterile and non-sterile accessories  
Design, manufacture, after-sales service and sales of electronic devices intended to bone and bone substitute surgery, with associated sterile and non-sterile accessories*

réalisées sur le(s) site(s) de  
*performed on the location(s) of*

**SATELEC**  
A Company of ACTEON Group  
17 av. Gustave Eiffel  
BP 30216  
33708 MERIGNAC Cedex - FRANCE

est conforme aux exigences des normes internationales  
*complies with the requirements of the international standards*

**ISO 13485 : 2003**

Début de validité / *Effective date* : July 28<sup>th</sup>, 2014 (included)  
Valable jusqu'au / *Expiry date* : July 27<sup>th</sup>, 2017 (included)  
Etabli le / *Issued on* : June 16<sup>th</sup>, 2014



LNE N° 7919-6

LNE: CMDCAS recognized registrar / This certificate is issued according to the rules of G-MED certification and CMDCAS program requirements / CMDCAS SQ

Renouvelez le certificat 7919-5

**Laboratoire national de métrologie et d'essais** - Établissement public à caractère industriel et commercial  
LNE/G-MED • Organisme notifié n° 0459  
1, rue Gaston Boissier - 75724 Paris Cedex 15 • Tél. : 01 40 43 37 00 • Fax : 01 40 43 37 37 • www.lne.fr • www.gmed.fr



For the General Director  
**Laurence DAGALLIER**  
Deputy Director



**CERTIFICAT  
CERTIFICATE OF REGISTRATION  
N° 7665 rev. 3**

Le LNE certifie que le système de management de la qualité développé par  
*LNE certifies that the quality management system developed by*

**SOPRO**  
ZAC Athélia IV, Avenue des Génévriers,  
13705 LA CIOTAT CEDEX FRANCE

pour les activités  
*for the activities*

Conception, production, distribution et maintenance de caméras, de système numérique de radiologie, de lecteur digital de plaques, de plaques d'imagerie, de vidéolaparoscopes, de sources de lumières froides, de dispositifs de gestion de gaz ou liquides en endoscopie, coelioscopie et pour colonoscopie virtuelle

*Design, manufacturing, distribution and service of cameras, digital X-ray system, digital imaging plate scanner, imaging plates, videolaparoscopes, cold light sources, gas or liquid management devices for endoscopy, coelioscopy and virtual colonoscopy*

réalisées sur le(s) site(s) de  
*performed on the location(s) of*

**SOPRO**  
ZAC Athélia IV - Avenue des Génévriers - 13705 LA CIOTAT CEDEX - FRANCE

est conforme aux exigences des normes internationales  
*complies with the requirements of the international standards*

**ISO 13485 : 2003**

Début de validité / *Effective date* : December 24<sup>th</sup>, 2012 (included)  
Valable jusqu'au / *Expiry date* : December 23<sup>rd</sup>, 2015 (included)  
Etabli le / *Issued on* : November 29<sup>th</sup>, 2012



LNE N° 7665-3

Ce certificat est délivré selon les règles de certification G-MED / This certificate is issued according to the rules of G-MED certification  
LNE/G-MED Organisme notifié pour les Dispositifs Médicaux / LNE/G-MED Notified Body for Medical Devices

Renouvelez le certificat 7665-2

**Laboratoire national de métrologie et d'essais** - Établissement public à caractère industriel et commercial  
LNE/G-MED • Organisme notifié n° 0459  
1, rue Gaston Boissier - 75724 Paris Cedex 15 • Tél. : 01 40 43 37 00 • Fax : 01 40 43 37 37 • www.lne.fr • www.gmed.fr



For the General Director  
**Laurence DAGALLIER**  
Deputy Director







# NON GENUINE TIPS MAY COST YOU A LOT MORE

ACTEON® EQUIPMENT has always designed tips that respect the tooth's anatomy and vibrate in perfect harmony with the handpiece. The potential imperfections in compatibility of brand x tips, both physical and electronic, may cause risks and premature wear of equipment.

### Risks for the patient

- Risk of damaging patient's tissues (enamel, cement, etc.).
- Risk of breaking the tip, possibly with the broken piece being swallowed or inhaled by the patient, or lost in the tissues.

### Risk for the equipment

Risk of handpiece heating (meaning a loss in electromechanical output), which could lead to handpiece damage.

### Loss of efficiency

Tip wear alters its efficiency (-2mm = -50% efficiency), reduces its roughness, vibration and movement. Understandably, ACTEON® EQUIPMENT's liability - both legal and with regard to warranty of parts and accessories - cannot be engaged for damages that arise from the use of any other than genuine accessories.

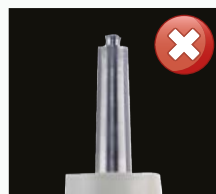
**You always come back to ACTEON® EQUIPMENT tips.**



Normal screw thread with ACTEON® EQUIPMENT tips



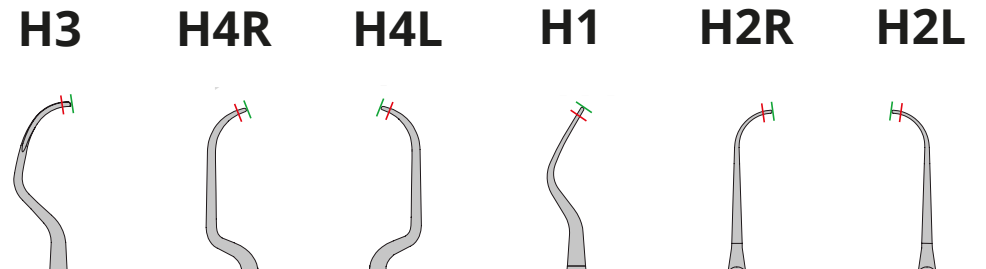
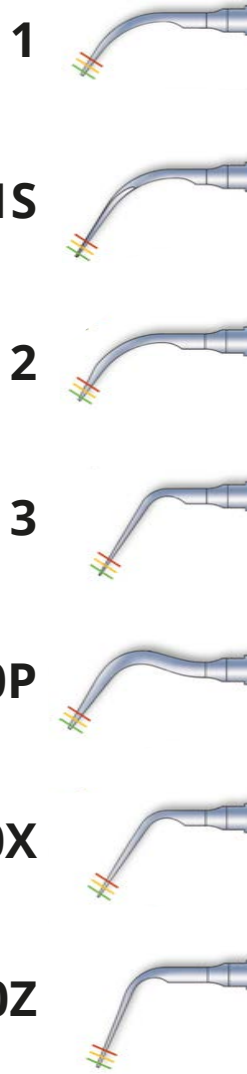
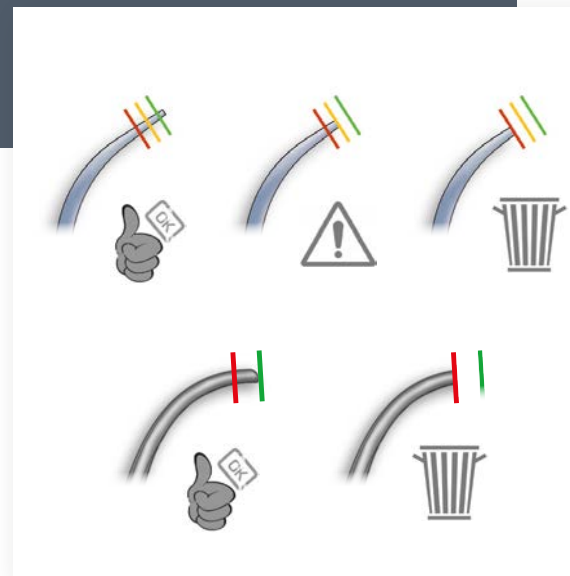
Worn screw thread with non genuine tips



Broken screw thread with non genuine tips

## WEAR GUIDE

Fit the tip to the handpiece and place it on the edge of the card over the relevant diagram.



MORE INVENTIVE LESS INVASIVE

Ref. D00813. Non contractual document - ACTEON Products Catalogue 2016 - 02/2016 - Copyright © 2016 Acteon® - All rights reserved. No information or part of this document may be reproduced or transmitted in any form without the prior permission of ACTEON. The information in this document may be modified by Acteon® without notice.

PRODUITS DENTAIRES PIERRE ROLLAND • A company of ACTEON GROUP  
17 av. Gustave Eiffel • BP 30216 • 33708 MERIGNAC cedex • FRANCE  
Tel + 33 (0) 556 34 06 07 • Fax + 33 (0) 556 34 92 92  
E-mail : pierre-rolland@acteongroup.com • www.acteongroup.com

