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

All products in this catalogue must only be used by dental professionals.
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)
User’s manuals and installation videos
available on our Extranet
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

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NEWTRON® BOOSTER
230 V CE

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

Newtron brochure
NEWTRON® PS  B-LED
230 V CE

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.

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 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.
ULTRASONIC GENERATORS

ACCESSORIES

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

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

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

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

Important
Handpieces compatible with all ACTEON® Equipment
Dental Tips (with color coded ring).
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
**Scalpel kit**
Delivered with an autoclavable plastic box, N°1, N°15, N°10X, H3 tips, three autoclavable dynamometric blue wrenches and one autoclavable dynamometric green wrench.

**Hygiene kit**
Delivered with an autoclavable plastic box, N°1, N°15, N°10Z, TK1-1S tips, three autoclavable dynamometric blue wrenches and one autoclavable dynamometric green wrench.

**Perio kit**
Delivered with an autoclavable plastic box, N°15, H3, H4L, H4R tips, three autoclavable dynamometric green wrenches and one autoclavable dynamometric blue wrench.

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

**Maintenance kit (BDR)**
Delivered with an autoclavable plastic box, TK1-1S, TK1-1L, TK2-1L, TK2-1R tips, four autoclavable dynamometric green wrenches.

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

**Endo Success™ Retreatment kit**
Delivered with ET18D, ET20, ET25, ET25S, ETBD, ETPr tips, an autoclavable metal support and an autoclavable universal wrench.

**Endo Success™ Canal Access Prep kit**
Delivered with CAP1, CAP2, CAP3 tips, an autoclavable metal support and an autoclavable universal wrench.
**Endo One**

Endo One kit  
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.

**Endo Success™**

Endo Success™ Apical Surgery kit  
Delivered with AS3D, AS6D, AS9D, ASLD, ASRD tips, an autoclavable metal support and an autoclavable universal wrench.

**Intro-kit Ellipson**

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

**Excavus®**

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

**Perfect Margin® Rounded**

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

**Perfect Margin® Shoulder**

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

**Perfect Margin® Veneers**

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

**Color dynamometric wrench**

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>F81320</td>
</tr>
<tr>
<td>Yellow*</td>
<td>F81321</td>
</tr>
<tr>
<td>Blue</td>
<td>F81322</td>
</tr>
<tr>
<td>Orange</td>
<td>F81323</td>
</tr>
</tbody>
</table>

**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 ACCESSORIES

HANDBRAZERS

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 for NEWTRON® P5 B.LED and NEWTRON P5® XS B.LED (Bluetooth)  X00226

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**

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

**F12609**

**Nose for Newton® LED handpiece**

**E12681**

**Metal nose for Newton® 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**

**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 Newton® 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**

**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

Nose for NEWTRON® handpiece

**CORDS**

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

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

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

**CART**

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

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**ULTRASONICs ULTRASONICS**

**RANGE II ACCESSORIES**

**IRRIGATION**

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

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

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

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

**Kit of 3 hoops for Newtron® cord**

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

**Newtron® bracket**

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

**FOOTSWITCHES**

**Newtron® single footswitch**

**Newtron® double footswitch**
**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

**RANGE I ACCESSORIES**

**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)  
F58795

**Autoclavable irrigation bottle**

with grey cap  
F58792

Discontinued, available until stock runs out  
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
# OVERVIEW OF IRRIGATION LINES

<table>
<thead>
<tr>
<th>Device</th>
<th>Corresponding lines</th>
<th>Code Nr.</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Suprasson P-Max (Lux) Range I (1)</td>
<td>F57370</td>
<td>10</td>
<td>universal irrigation lines kit sterile, single-use with integrated cassette</td>
</tr>
<tr>
<td>• Prophy Max™ (Lux) Range I (2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• P5 Newtron® XS (LED) + Sterikit (3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Suni 2nd generation (4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Suni Max (5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Trans’care Max (6)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Piezotome® (7)</td>
<td>F57374</td>
<td>1</td>
<td>autoclavable irrigation line + 10 sterile perforators</td>
</tr>
<tr>
<td>• Piezotome® 2 (8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• ImplantCenter™ (9)</td>
<td>E57374</td>
<td></td>
<td>Autoclavable irrigation line</td>
</tr>
<tr>
<td>• ImplantCenter™ 2 (10)</td>
<td>F57372</td>
<td>10</td>
<td>disposable sterile perforators</td>
</tr>
<tr>
<td>• Piezotome® Solo (LED) (11)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• I-Surge former generation (12)</td>
<td>F59752</td>
<td>10</td>
<td>Newtron double-lines kit</td>
</tr>
<tr>
<td>• I-Surge (13)</td>
<td>F59756</td>
<td>10</td>
<td>Newtron single-lines kit</td>
</tr>
<tr>
<td>• EndoCenter (14)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• P-Max Newtron® (Lux) Range II (15)</td>
<td>F34700</td>
<td>5</td>
<td>Suni irrigation lines kit - old generation</td>
</tr>
<tr>
<td>• Prophy Max™ Newtron® (Lux) Range II (16)</td>
<td>F34702</td>
<td>10</td>
<td>Suni irrigation lines kit - old generation</td>
</tr>
<tr>
<td>• Suni 1st generation (17)</td>
<td>F28750</td>
<td></td>
<td>Irrigation lines (x10)</td>
</tr>
<tr>
<td>• I-Surge+ (18)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• HT-Implant (19)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
I AM VERSATILE

POLISHERS
TABLETOP UNITS

PROPHY MAX™
Combined device with ultrasonics and airpolisher
Delivered with a ProphyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g).

PROPHY MAX™ WITH AN IRRIGATION KIT
Combined device with ultrasonics and airpolisher
Delivered with a ProphyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g), 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.

ACCESSORIES

PROPHY MAX™ AND AIR MAX ACCESSORIES

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

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

Titanium nozzle 135° Ø 0,6 mm
F10552

Titanium nozzle 135° Ø 0,7 mm (standard)
F10555

Probe Ø 0,7 mm
for nozzle cleaning
E96221

Probe Ø 1 mm
for handpiece body cleaning
F10208

Multifunctions double footswitch
for Prophy Max™
F00055

2 ProphyPen o’rings + 1 nozzle o’ring kit
F10374

4 o’rings kit for ProphyPen handpiece cord
F10375

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

AIR MAX
Airpolisher
Delivered with a ProphyPen handpiece with 135° titanium nozzle, an autoclavable universal wrench, a bottle of mint powder (250g) and a bottle of lemon powder (250g).
### AIR-N-GO® EASY

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-N-GO® easy with KaVo® adapter</td>
<td>F10100</td>
</tr>
<tr>
<td>AIR-N-GO® easy with Sirona® adapter</td>
<td>F10101</td>
</tr>
<tr>
<td>AIR-N-GO® easy with W&amp;H® adapter</td>
<td>F10102</td>
</tr>
<tr>
<td>AIR-N-GO® easy with Bien-Air® adapter</td>
<td>F10103</td>
</tr>
<tr>
<td>AIR-N-GO® easy with Midwest® adapter</td>
<td>F10105</td>
</tr>
</tbody>
</table>

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).

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### ACCESSORIES

#### AIR-N-GO® EASY ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-N-GO® easy PERIO KIT</td>
<td>F10120</td>
</tr>
<tr>
<td>Turns your handpiece into a Perio system to treat periodontal disease (tooth &amp; implants) on pockets from 3 to 8 mm. Delivered with a AIR-N-GO PERIO nozzle and a bottle of AIR-N-GO PERIO glycine powder.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>AIR-N-GO® SUPRA nozzle</td>
<td>F10125</td>
</tr>
<tr>
<td>For all prophylaxis supra-gingival treatments.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>AIR-N-GO® PERIO easy nozzle</td>
<td>F10126</td>
</tr>
<tr>
<td>Turns your handpiece into a Perio system to treat non surgical periodontal disease (tooth &amp; implants) in pockets from 3 to 8 mm.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-N-GO® PERIO nozzle</td>
<td>F10127</td>
</tr>
<tr>
<td>Turns your handpiece into a Perio system to treat non surgical periodontal disease (tooth &amp; implants) in pockets from 8 to 10 mm.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-N-GO® PERIO Maintenance nozzle</td>
<td>F10128</td>
</tr>
<tr>
<td>Turns your handpiece into a system to treat periodontal disease (tooth &amp; implants) in pockets until 4 mm.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-N-GO® easy maintenance kit</td>
<td>F10121</td>
</tr>
</tbody>
</table>
**POWDER - BOTTLES**

**AIR-N-GO® CLASSIC® powder**
- 4 bottles (250g)
- Peppermint: F10250
- Lemon: F10251
- Raspberry: F10252
- Cola: F10253
- Neutral: F10254

**AIR-N-GO® PEARL® powder**
- 4 bottles (250g)
- Peppermint: F10262

**AIR-N-GO® PERIO® powder**
- 3 bottles (160g)
- Peppermint: F10256
- Lemon: F10257
- Raspberry: F10258
- Cola: F10259
- Neutral: F10260

**ACCESSORIES**

**AIR-N-GO® ACCESSORIES (1st 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

**POWDER - STICKS**

**AIR-N-GO® CLASSIC® powder**
- 50 sticks (20g)
- Peppermint: F10256
- Lemon: F10257
- Raspberry: F10258
- Cola: F10259
- Neutral: F10260

**AIR-N-GO® PEARL® powder**
- 50 sticks (20g)
- F10263
**AIR-N-GO® ACCESSORIES (1st 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.*
I AM POWERFUL

Surgery
FUNCTIONS
• I-Surge: implantology
• Piezotome: bone surgery
• Newton: conventional treatments (peri, endo, ...)

ACCESSORIES

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.

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.
**FUNCTIONS**
- Piezotome: bone surgery
- Newton: conventional treatments (perio, endo, ...)

**PIEZOTOME® 2**
Delivered with a progressive footswitch, 2 brackets, 2 handpiece holders, 2 sterilizable irrigation lines and 30 perforators + an Essential Pack INCLUDED (Ref. F87529: Sterilization box, Piezotome II LED handpiece with cord, Essential II kit with BS1 S II, BS4 II, LC2 II, SL1 II, SL2 II, SL3 II tips and a Piezotome dynamometric wrench).

**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.

**PIEZOTOME® SOLO**
Delivered with a footswitch, a bracket, a handpiece holder, a Piezotome Solo handpiece, an 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**
Delivered with a footswitch, a bracket, a handpiece holder, a Piezotome Solo LED handpiece, an 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.

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.
**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.

---

**ACCESSORIES**

**Piezotome® handpiece + cord**  
F57321

**Newtron® handpiece**  
F12281

**Newtron® cord**  
F57305

**Newtron® cord**  
F12850

**Piezotome® LED handpiece + cord**  
F12815

**Light ring**  
F12821

**Newtron® LED handpiece**  
F12609

**Newtron® LED cord**  
F12830

**Piezotome® Solo handpiece + cord**  
F57509

**Piezotome dynamometric wrench**  
F57350

---

**ACCESSORIES**

**Implant Center™ cart**  
Dimensions (DxWxH): 66 x 54 x 79 cm  
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**  
F57374

**10 disposable sterile perforators**  
F57372

**Irrigation line clip**  
F57353

**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

---

**ACCESSORIES**

**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

---

**ACCESSORIES**

**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
- BS Kit 2: F87509

**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.

**Bone Surgery kit support**
- X88454
- X88456

**Saws**
- BS1 - Straight: F87301
- BS2L - Left angled: F87302
- BS2R - Right angled: F87303
- BS1S «Slim» - Depth of cut 9 mm: F87525
- BS1L «Long» - Depth of cut 15 mm with autoclavable universal wrench: F87527

**Scalpels**
- BS4
- BS5
- BS6

**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

**For further information**
Catalogue « Surgery Tips - Power & Security »
D00611
**INTRALIFT™ PACK**
Delivered with an autoclavable Piezotome® handpiece with cord, an Intralift kit, an autoclavable universal wrench.

**Intralift™ Kit**
TKW1, TKW2, TKW3, TKW4, TKW5 tips, an autoclavable metal support, an autoclavable universal wrench.

**Intralift™ kit support**

**Intralift™ tips**
- TKW1 - Conical tip ø1.35mm (pilot drilling)
- TKW2 - Cylindrical tip ø2.1mm (preliminary drilling)
- TKW3 - Cylindrical tip ø2.35mm (preliminary drilling)
- TKW4 - Cylindrical tip ø2.8mm (secondary drilling)
- TKW5 - Non cutting "trumpet" tip (sinus membrane elevation)
- TKW6 - Sinus membrane elevation ø4.2 mm

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

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

**Extraction kit support**

**Extraction tips**
- LC1
- LC1 90°
- LC2
- LC2L
- LC2R
- Ninja®

**FOR FURTHER INFORMATION**
Catalogue « SURGERY TIPS - POWER & SECURITY » D00611
CROWN EXTENSION

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 |

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

CE Kit

| F87354 | CE Kit 2 |

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

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

Piezocision™ kit support

Piezocision™ tips

- PZ1 - Anterior corticotomies.
- PZ2L (left oriented)
  Lateral corticotomies on patient's right vestibular arch.
  To be used with pendulum motion
- PZ2R (right oriented)
  Lateral corticotomies on patient's left vestibular arch.
  To be used with pendulum motion
- PZ3 - Anterior corticotomies for root proximity concerns.

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.

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

NEWTON® 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.

NEWTON PACK (without tip)
Delivered with an autoclavable Newtron® handpiece, an autoclavable Newtron® cord and a Piezotome® dynamometric wrench.

NEWTON PACK 2 (without tip)
Delivered with an autoclavable Newtron® LED handpiece, an autoclavable Newtron® LED Piezotome® 2 cord and a Piezotome® dynamometric wrench.
NEWTRON® KITS

**Newtron® Perio Kit**
- H1, H2L, H2R, H3, H4L, H4R tips,
- an autoclavable metal support,
- an autoclavable universal wrench.

**Newtron® Micro-Retro Kit**
- P14D, P15LD, P15RD tips,
- an autoclavable metal support,
- an autoclavable universal wrench.

**Newtron® Retro Kit**
- S12-70D, AS6D, ASLD, ASRD tips,
- an autoclavable metal support,
- an autoclavable universal wrench.

**Newtron® Kit support**

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**IMPORTANT**
Single Retro and Micro-Retro: pages 22 and 23.
**I-SURGE™ ACCESSORIES**

- Non-autoclavable «Implant» micromotor for I-SURGE™
  - F28971
- Autoclavable «Implant» micromotor for I-SURGE™
  - F28970
- Mont Blanc 20:1 Anthogyr® contra-angle green ring (non LED)
  - F36140
- Atomizer dropper for Anthogyr® Mont Blanc 20:1 contra-angle
  - F36141
- Footswitch for I-SURGE™ non-autoclavable micromotor
  - F28965
- Multifunction footswitch for I-SURGE™ autoclavable micromotor
  - F28966
- 10 universal irrigation lines sterile, 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

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

- I-SURGE™ power supply
  - F28955
- Bracket
  - F28967
- Micromotor holder white silicone
  - F02463
- 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
  - F33605

*Anthogyr is a registered trademark.*
### MISCELLANEOUS MOTORS ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pack of IML micro-motor o’rings</td>
<td>F29100</td>
</tr>
<tr>
<td>Box micro-motor carbon brushes (x2)</td>
<td>F29101</td>
</tr>
<tr>
<td>IML motor lamp</td>
<td>F29204</td>
</tr>
<tr>
<td>Black coiled cord for former auto-ventilated motor</td>
<td>F33604</td>
</tr>
</tbody>
</table>

*Discontinued, available until stock runs out*
**SERVOTOME® II**

**High frequency electrosurge** for orthodontics, periodontics and other oral surgery

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**
  - Discontinued, available until stock runs out
  - F00461
- **Servotome® Classic/Expert capacitive coupler**
  - Discontinued, available until stock runs out
  - F00472
- **Servotome® II footswitch**
  - F00059
- **Servotome® Classic footswitch**
  - F00039

### ELECTRODES

<table>
<thead>
<tr>
<th>Electrodes Kit</th>
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</tr>
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<tbody>
<tr>
<td>10 electrodes kit</td>
<td>F10440</td>
</tr>
<tr>
<td>10 electrodes + 1 electrode holder kit</td>
<td>F10472</td>
</tr>
<tr>
<td>I 22 S</td>
<td>F10421</td>
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<tr>
<td>I 22 CA</td>
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<td>I 40 S</td>
<td>F10431</td>
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<tr>
<td>I 40 CA</td>
<td>F10432</td>
</tr>
</tbody>
</table>
STERILIZATION

ACTEON EQUIPMENT
**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  
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  
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® 5.24**
Chamber volume: 24L  
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  
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® DEM**

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

**F03931**

**Quaz® Dem 6.30**
Deminerlizer
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**

**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**
Curing lights
Wavelength: 420 - 480 nm

Li-Ion battery
Handpieces: anodized aluminium

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

Mini LED™ Ortho 2
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™ SuperCharged handpiece
F05214
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

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

Mini LED™ Standard

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
Mini LED™ charger
Mini LED™ titanium battery
Mini LED™ European power supply
Mini LED™ oval light shield
Opalescent light guide Ø7.5mm
Opalescent light guide Ø5.5 mm

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

Charger
Titanium battery
Universal power supply
Oval light shield

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

Opalescent light guide Ø7.5mm
Opalescent light guide Ø5.5 mm

For Mini LED™ AutoFocus 2

Opalescent light guide Ø7.5mm
Opalescent light guide Ø5.5 mm

For all Mini LEDs

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

### FORMER GENERATIONS

**For Mini LED™ AutoFocus**

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>F02940</td>
</tr>
<tr>
<td>Opalescent light guide Ø7.5mm</td>
<td>F02654</td>
</tr>
<tr>
<td>Battery</td>
<td>F02901</td>
</tr>
<tr>
<td>Charger</td>
<td>F02910</td>
</tr>
<tr>
<td>5 autoclavable caps Ø7.5 mm</td>
<td>F61516</td>
</tr>
</tbody>
</table>

**For Mini LED™ Advantage**

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handpiece</td>
<td>F02460</td>
</tr>
<tr>
<td>CEE power supply</td>
<td>F02458</td>
</tr>
</tbody>
</table>

Discontinued, available until stock runs out
MISCELLANEOUS
**Softly**

Pre-measured capsules amalgamator

**SOFTLY**

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

**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
  - F33514
  
  For non LED Cocoon Hygienist (former range)
  Discontinued, available until stock runs out

**TRANS’CARE ACCESSORIES**

- Light motor
  - F28600

- Light motor black coiled cord
  - F33713
## ENDO CENTRE AND ENDODUAL ACCESSORIES

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDO micromotor</td>
<td>F28920</td>
</tr>
<tr>
<td>ENDOCENTRE multifunction footswitch</td>
<td>F28951</td>
</tr>
<tr>
<td>ENDODUAL single footswitch</td>
<td>F28911</td>
</tr>
<tr>
<td>10 universal irrigation lines sterile, single-use with integrated cassette</td>
<td>F57370</td>
</tr>
<tr>
<td>1 autoclavable irrigation line + 10 sterile perforators</td>
<td>F57374</td>
</tr>
<tr>
<td>10 disposable sterile perforators</td>
<td>F57372</td>
</tr>
<tr>
<td>ENDODUAL power supply</td>
<td>F28915</td>
</tr>
<tr>
<td>ENDOCENTRE power supply</td>
<td>F28955</td>
</tr>
<tr>
<td>ENDOCENTRE bracket</td>
<td>F28967</td>
</tr>
<tr>
<td>Handpiece holder silicone</td>
<td>E60108</td>
</tr>
</tbody>
</table>

## I-ENDO DUAL ACCESSORIES (former range)

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-Endo Dual motor + cord</td>
<td>F28850</td>
</tr>
<tr>
<td>I-Endo Dual footswitch</td>
<td>F28911</td>
</tr>
</tbody>
</table>
**ACTEON Imaging**

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.

### Intraoral radiology
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- Upgradeable 3 in 1 ......................................................... 122
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I AM EXCLUSIVE

INTRAORAL RADIOLGEOY
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 SOPIX² digital sensor. Delivered with a long cone in standard version.

Complete intraoral radiology system, without SOPIX inside or SOPIX² inside options (pages 114 and 115).
### ACCESSORIES

#### X-MIND™ UNITY ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Mind™ unity short cone</td>
<td>W0800018</td>
</tr>
<tr>
<td>X-Mind™ unity long cone</td>
<td>W0800019</td>
</tr>
<tr>
<td>X-Mind™ unity square cone</td>
<td>W0800020</td>
</tr>
<tr>
<td>X-Mind™ unity tubehead</td>
<td>W0800022</td>
</tr>
<tr>
<td>X-Mind™ unity timer</td>
<td>W0800023</td>
</tr>
<tr>
<td>Polyvalent wall plate for X-Mind™ unity installation</td>
<td>F03946</td>
</tr>
<tr>
<td>IRIX 70 wall plate for X-Mind™ unity installation</td>
<td>F03899</td>
</tr>
</tbody>
</table>

#### ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extensor 0.40 m X-Mind™ unity top mounting</td>
<td>W0800025</td>
</tr>
<tr>
<td>Extensor 0.80 m X-Mind™ unity top mounting</td>
<td>W0800026</td>
</tr>
<tr>
<td>Extensor 1.10 m X-Mind™ unity top mounting</td>
<td>W0800027</td>
</tr>
<tr>
<td>Extensor 0.40 m X-Mind™ unity bottom mounting</td>
<td>W0800028</td>
</tr>
<tr>
<td>Extensor 0.80 m X-Mind™ unity bottom mounting</td>
<td>W0800029</td>
</tr>
<tr>
<td>Extensor 1.10 m X-Mind™ unity bottom mounting</td>
<td>W0800030</td>
</tr>
<tr>
<td>Extensor pantograph X-Mind™ unity</td>
<td>W0A00031</td>
</tr>
</tbody>
</table>
X-RAY GENERATORS

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 F03833
- Extensor 0.80 m (max. distance 184 cm) Long cone F03824
- Extensor 0.80 m (max. distance 184 cm) Square cone F03815
- Extensor 1.10 m (max. distance 212 cm) Long cone F03834

**X-MIND™ DC BOTTOM MOUNTING**

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

**X-MIND™ DC UNIT**

- Column unit extensor 0.40 m Long cone F03828

**X-MIND™ DC CEILING**

- Ceiling mounting extensor 0.40 m (standard Faro column Ø60 cm) Long cone Ceiling fasteners not included F03829

**ACCESSORIES**

- 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
- Polivalent 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
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

> Mac compatible

STANDARD IMAGING PLATE

<table>
<thead>
<tr>
<th>Size</th>
<th>New PSPIX</th>
<th>Set of 2</th>
<th>PSPIX 1st generation</th>
<th>set of 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 0 (22 x 35 mm)</td>
<td>990215</td>
<td>S_700178</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 1 (24 x 40 mm)</td>
<td>990216</td>
<td>S_700179</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 2 (31 x 41 mm)</td>
<td>990217</td>
<td>S_700180</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 3 (27 x 54 mm)</td>
<td>990218</td>
<td>S_700181</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IDOT™ IMAGING PLATE

<table>
<thead>
<tr>
<th>Size</th>
<th>New PSPIX</th>
<th>Set of 2</th>
<th>PSPIX 1st generation</th>
<th>set of 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 0 (22 x 35 mm)</td>
<td>S_700182</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 1 (24 x 40 mm)</td>
<td>S_700183</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 2 (31 x 41 mm)</td>
<td>S_700184</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 3 (27 x 54 mm)</td>
<td>S_700185</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### ACCESSORIES

#### PROTECTIVE BAG FOR IMAGING PLATE

<table>
<thead>
<tr>
<th>Size</th>
<th>New PSpIX</th>
<th>PSpIX 1st generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>700342L</td>
<td>700342L</td>
</tr>
<tr>
<td>1</td>
<td>700343L</td>
<td>700343L</td>
</tr>
<tr>
<td>2</td>
<td>700344L</td>
<td>700344L</td>
</tr>
<tr>
<td>3</td>
<td>700345L</td>
<td>700345L</td>
</tr>
</tbody>
</table>

#### BAG & COVER FOR IMAGING PLATE

<table>
<thead>
<tr>
<th>Size</th>
<th>New PSpIX</th>
<th>PSpIX 1st generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>700546</td>
<td>700338L</td>
</tr>
<tr>
<td>1</td>
<td>700547</td>
<td>700339L</td>
</tr>
<tr>
<td>2</td>
<td>700548</td>
<td>700340L</td>
</tr>
<tr>
<td>3</td>
<td>700549</td>
<td>700341L</td>
</tr>
</tbody>
</table>

#### ACCESSORIES

- **Positioning set for PSpIX® imaging plate**
  - Includes five positioning holders with ring for bitewing and two centring devices.

- **Accessories new PSpIX**
  - **Bag & cover for imaging plate start up kit** (set of 100 pieces of size 1 and 100 pieces of size 2)
  - **Imaging plate storage box** (delivered without imaging plates)

- **Accessories PSpIX 1st generation**
  - **Starter kit of standard imaging plate**
    - 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)

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

- **Stylus for PSpIX® touchscreen**

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

- **Accessories for PSpIX 1st generation**
  - **Starter kit of accessories**
    - 100 Hygiene Bag and 100 Protective Cover of each size.

- **«Medical device» power supply for PSpIX®**
DIGITAL RADIOLOGY SENSORS

**SOPiX²**

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.

**SOPiX² USB SENSOR SIZE 1** - HIGH DEFINITION for Windows

**SOPiX² USB SENSOR SIZE 2** - HIGH DEFINITION for Windows

**SOPiX² USB SENSOR SIZE 1** - HIGH DEFINITION for Mac®

**SOPiX² USB SENSOR SIZE 2** - HIGH DEFINITION for Mac®

**Accessories**

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

  - **Sopix²/ Sopix sensor holder**
    - Size 1 or Size 2
  - **Sheaths for SOPiX series sensors**
    - (500 pieces in a single pasteboard)
    - > for size 1 SOPiX series sensors
    - > for size 2 SOPiX series sensors
  - **USB2.0 active repeater cable (Booster)**
    - Length : 5 m
  - **Sopro tabs**
    - Adhesive foam tab
    - (500 pieces in a single pasteboard)

**Windows® 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® or NEC®/ RENESAS®
- Screen resolution : 1024 x 768

**Mac® Minimum Configuration Required**

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

**Sopro® Imaging upgrade licence**

- For Windows
  - **505019**
- For Mac®
  - **505022**
### Digital X-ray Systems to integrate into X-Mind™ unite

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®² INSIDE SENSOR SIZE 1 - HIGH DEFINITION for Windows

SOPIX®² INSIDE SENSOR SIZE 2 - HIGH DEFINITION for Windows

SOPIX®² INSIDE SENSOR SIZE 1 - HIGH DEFINITION for Mac®

SOPIX®² INSIDE SENSOR SIZE 2 - HIGH DEFINITION for Mac®

**WARRANTY 3 YEARS**

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

SOPIX® INSIDE SENSOR SIZE 2 - STANDARD DEFINITION for Windows

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

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

**WARRANTY 3 YEARS**
I AM DEMANDING

EXTRAORAL RADIOLOGY

ACTEON
**Panoramic Extraoral Imaging System**

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

**X-MIND™ One Pano**

<table>
<thead>
<tr>
<th>Dimension Type</th>
<th>Column Height</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard dimensions</td>
<td>2315 mm</td>
<td>700785</td>
</tr>
<tr>
<td>Short dimensions</td>
<td>2225 mm</td>
<td>700786</td>
</tr>
</tbody>
</table>

**Accessories**

- 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
### ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball-pin test tool</td>
<td>700780</td>
</tr>
<tr>
<td>CU filter ASM 0,8</td>
<td>700787</td>
</tr>
<tr>
<td>CU filter ASM 1,8</td>
<td>700788</td>
</tr>
<tr>
<td>Adapter</td>
<td>700789</td>
</tr>
<tr>
<td>Test tool digital S 63912</td>
<td>700782</td>
</tr>
<tr>
<td>PAN layer and alignment phantom</td>
<td>700790</td>
</tr>
<tr>
<td>Exhibition stand</td>
<td>700784</td>
</tr>
</tbody>
</table>
### X-MIND™ TRIUM PAN

- Control panel on the right
- Control panel on the left
- 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

### 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 CEPH

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

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.

### WARRANTY EXTENSIONS

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

### UPDATES

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

### X-MIND™ TRIUM PAN 3D

**Control panel on the right**  
**Control panel on the left**

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
- Cephalometric exam

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  
  W0900028
- Warranty extension for 2 additional years  
  W0900029
- Warranty extension for 3 additional years  
  W0900030

### UPDATES

- 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
**UPGRADEABLE 3 IN 1**

**X-MIND TRIUM PAN CEPH 3D**

- CEPH right (control panel on the right)  
  [W0900006]
- CEPH left (control panel on the left)  
  [W0900012]

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  
  [W0900031]
- Warranty extension for 2 additional years  
  [W0900032]
- Warranty extension for 3 additional years  
  [W0900033]

**UPGRADES**

- X-Mind Trium Pan 2D sensor  
  [W0900036]

---

**ACCESSORIES**

**ACTEON® IMAGING SUITE**

- ACTEON® Imaging Suite software  
  [W1000006]
- 1 AIS 3D App licence  
  [W1000007]
- DICOM print licence  
  [39800751]
- DICOM package  
  [39800756]

**ACCESSORIES**

- Pan 2D sensor  
  [W0900036]
- Ceph 2D sensor  
  [W0900037]
- Light 115V  
  [29701226.CW]
- Light 120V  
  [29701225.CW]
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**

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**

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.

---

**ACCESSORIES**

- 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
**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.

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

**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°

**DIRECTS COLOR SYSTEMS IMAGING**
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

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°

**WARANTY 2 YEARS**

(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 Handpiece

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

SOPRO® 717 FIRST + Dock u_USB2(2) (Windows or Mac®)
SOPRO® 717 First + Dock MU_USB2(3) (Windows or Mac®)
SOPRO® 717 First + Dock u_USB2(2) (Windows or Mac®)
SOPRO® 717 First + Dock MU_USB2(3) (Windows or Mac®)
SOPRO® 717 First + Dock MU_USB2(3) (Windows or Mac®)
SOPRO® 717 First + Dock m_USB2 (Windows or Mac®)
SOPRO® 717 First + Dock M_USB2 (Windows or Mac®)
SOPRO® 717 First + Dock M_Video (Mac®)
SOPRO® 717 First + Dock U_USB2(2) (Windows or Mac®)
SOPRO® 717 First + Mini Dock U_USB2(2) (Windows or Mac®)
SOPRO® 717 First + Dock M_Video (Mac®)
SOPRO® 717 First + Dock u_USB2(2) (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.

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)

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.
INTRAORAL CAMERAS

- 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.

WARRANTY 2 YEARS

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

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

WARRANTY 2 YEARS

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

Sopro® 617 + Dock M_Video

Sopro® 617 + Dock MU_Video(1)
(Windows or Mac®)

Sopro® 617 + Dock U_USB2(2)
(Windows or Mac®)

Sopro® 617 + Dock MU_USB2(3)
(Windows or Mac®)

Sopro® 617 + Dock M_USB2
(Windows or Mac®)

Sopro® 617 + Dock MU_USB2(2)
(Windows or Mac®)

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

Sopro® 617 + Dock MU_USB2(3)
(Windows or Mac®)

NEW

(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 FOR VIDEO CONNECTION

Dock M Video
Connection box with image memory
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
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

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 USB2
USB2 connection box
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
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

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.

Dock USB2
USB2 connection box
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®, Sopro® 717 First and Sopro® 617

- Only for unsheathed linking cables.

FOOTSWITCHES

Footswitch for image memory: 009002

USB2 footswitch for image memory: 009009

ACCESSORIES

SHEATHS

- Sheaths for SOPROLIFE®, SOPRO® 717 FIRST: 403017
  500 pieces in a single pasteboard
- Sheaths for Sopro® 617: 403023
  500 pieces in a single pasteboard
- Sheaths for Sopro® 595: 403001
  500 pieces in a single pasteboard

- SOPROTIPS for SOPROLIFE® and Sopro® CARE®: 990135
  Protection tip against light. Sterilization by autoclave. (Set of 4 pieces)
### Cables

- **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

### Screen

#### 22” NEOVO Screen

**NEOVO 22” LCD MONITOR**

- **Panel size:** 21.5”
- **Max. Resolution:** FHD 1920X1080
- **Pixel Pitch:** 0,248 mm
- **Brightness:** 250 cd/m²
- **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 100 mm & 75 x 75 mm
- **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

**«Medical device» power supply**

- for NEOVO LCD monitor

- 700099

- 703003
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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
Creation date: January 2016.

www.acteongroup-products.com
ANESTHETICS
Local cryoanesthesia - Pulp vitality test

**INDICATION**
- Local cryoanesthesia 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**
Cryoanesthesia: 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.

**COMPOSITION**
- Tetrafluoroethane
- Peppermint essential oil
- Ethanol

**FRILJET™**
Bottle of 200g + cannula

Medical device class IIa (LNE-GMED)

**239 803**

Injectable solution for dental use

**1 - DENOMINATION**
PRIMACAINÉ ADRENALINE 1/100 000, injectable solution for dental use.

**2 - QUALITATIVE AND QUANTITATIVE COMPOSITION**
- Articaine 60.277mg in the form of articaine hydrochloride
- Adrenaline 0.017mg in the form of adrenaline tartrate

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 odontostomatological 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 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-ORNAL 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 hepato cellular 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:
Paroxystic 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.

• Imiprami nic anti-depressors:
Paroxystic 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):
Paroxystic 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.

4.6 Pregnancy and breastfeeding

• Pregnancy

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

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 increased malformative or foeto toxically 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 the other anaesthetics used in odonto-stomatology, lipotychymes can occur.

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

In 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 cardiovascular system: tachycardia, hypotension, possibly leading to apnoea.
- on the cardiovascular system: tachycardia, 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 Pharmacokinetic 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 articaine 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 hemor rhagic operative field.

The anaesthesia is achieved within 2 to 3 minutes.

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

5.2 Pharmacodynamic properties

Like other amide local anaesthetics, high doses of articaine may need to be decreased in case of hypoxia, 5 to 10% of the dose are eliminated under hepatic; 5 to 10% of the dose are eliminated under renal elimination.

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 renal elimination.

The active substance can induce toxic reactions on the central nervous system and/or cardiovascular system (see § 4.8).

5.3 Preclinical safety data

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

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) for 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 MÉRIGNAC - 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/OF RENEWAL OF AUTHORIZATION IN FRANCE


10 - DATE OF TEXT UP-DATING

29 December 2014

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY List I.
RESERVED FOR PROFESSIONAL DENTAL USE.

PRIMACAIN™ ADRENALINE 1/100 000 262 215

Box of 50 cartridges

This product is a medicinal product and cannot be sold without local registration.
Injectable solution for dental use

1 DENOMINATION PRIMA(CAINE) 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 follow: child's weight (in kilograms) × 1.33

 Elderly subject

 Administer half of the dose indicated for adults.

 • Mode of administration

 LOCAL OR REGIONAL INTRA-ORAL SUBMUCOSAL INJECTION.

 The presence of vasoconstrictor effect by repeated aspiration tests, particularly during regional anaesthesia (nerve blocks).

 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. Anaesthesiophobia 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 is CONTRAINDICATED in patients, the following clinical signs may be observed:

 • on the cardiovascular system: tachycardia, then bradycardia, possible deterioration with arrhythmias (inhibition of the adrenaline or noradrenaline's entrance in the sympathetic fibre).

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

 The dose must also be decreased in case of hypoxia, hyperkalemia 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 noradrenaline'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 noradrenaline'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 noradrenaline'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.

 - Selective MAOI (pripranolol): Increase of the adrenaline and noradrenaline's pressor 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 pressor action.

 Use only under strict medicinal control.

 Associations to take into account

 • Guanethidine: High increase of blood pressure (hyperreactivity due to the reduction of the sympathetic tone) and increased side reactions of the inhibition of the adrenaline or noradrenaline's entrance in the sympathetic fibre).

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

 Due to the absence of teratogenic effect on animals, a malformation effect on mankind is not expected. Indeed, until today, the substances responsible of malformations on mankind have been teratogenic 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-stomatological practice, 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 cardio vascular 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 accidental intravenous injection, or more delayed, corresponding to true overdose due to the use of an excessive quantity of anaesthetic.
ANESTHETICS ANESTHETICS ANESTHETICS

ANESTHETICS BY INFILTRATION

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: N01BB05.
The articaine hydrochloride is a local anesthetic 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 hemorrhapsic 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). 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.

6.8 Pharmaceutical form
Injectable solution for 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

564 697-1: 1.7ml in cartridge (glass) with a stopper
LIDOCAINE hYDrOChLOriDE               36.0000mg
COMPOSITION

3 - qualitatiVe anD quantitatiVe composition

2 - Pharmaceutical form

1 - Denomination

HOLDERS OF MARKETING AUTHORIZATION
LABORATOIRE PRODUITS DENTAIRES 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/OF RENEWAL OF AUTHORIZATION IN FRANCE

10 DATE OF UPDATING OF THE TEXT
29 December 2014

FRENCH CONDITIONS OF PRESCRIPTION AND DELIVERY
List L.
RESERVED FOR PROFESSIONAL DENTAL USE.

PRIMACAINË™ ADRENALINE 1/200 000
262 220
Box of 50 cartridges
This product is a medicinal product and then cannot be sold without local registration

ACTEON PHARMA

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ACTEON PHARMA

159
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, lipotomies 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 anaesthetic, 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.

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; box of 50.

7 - HOLDER OF MARKETING AUTHORIZATION

Laboratoires PRODUITS DENTAIRES PIERRE ROLLAND

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

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.

8 - FRENCH REGISTRATION ID NUMBER

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

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 36.0000mg
ADRENALINE TARTRATE 0.04086mg
as Adrenaline for one cartridge containing 1.8ml.

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 maximum dose in mg of lidocaine hydrochloride that can be administered in a child can be calculated as follows: child's weight (in kilo) x 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.

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.
  Anaesthésiophagcy 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 adrenalin, 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 main 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 other mAOi (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 adrenalin:
  - 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 adrenalin’s entrance in the sympathetic fibrous).
  If the association can not be avoided, use with care lower doses of sympathomimetics (adrenalin).
  - Associations with precautions for use
    Due to the presence of adrenalin:
    - Halogenated volatile anaesthetics:
      Serious ventricular rhythm abnormalities (increase of the cardiac reactivity).
  Precautions for use: Limit the dose, for example:
  - less than 0.1mg of adrenalin in 15 minutes or 0.3mg in one hour.
  - + Imipramin anti-depressors:
    Paroxysmic hypertension with possibility of rhythm abnormalities (inhibition of the adrenalin or nor-adrenalin’s entrance in the sympathetic fibrous).
  Precautions for use: Limit the dose, for example:
  - less than 0.1mg of adrenalin in 15 minutes or 0.3mg in one hour in adult.
  - + Serotoninergic- noradrenergic anti-depressors (described for minalcipran and venlafaxine):
    Paroxysmic hypersecretion of rhythm abnormalities (inhibition of the adrenalin or nor-adrenalin’s entrance in the sympathetic fibrous).
  Precautions for use: Limit the dose, for example:
  - less than 0.1mg of adrenalin in 10 minutes or 0.3mg in one hour in adult.
  - + Non selective MAO (Iproniazide):
    Increase of the adrenalin's prescriptive action, more often moderated.
    Use only under strict medicinal control.
  - + A selective MAO (moclobemide, tolloxate) by extrapolation from the non selective IMAO:
    Risk of increase of the prescriptive action.
    Use only under strict medicinal control.

4.6 Pregnancy and breastfeeding
- Pregnancy
  The situation 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 teratogens 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 fetotoxic 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, lipothyms 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.
As soon as warning signs are observed, ask the patient to hyperventilate, place the patient in the supine position, remove the injecting needle, and inject 10mg of adrenaline by intravenous injection.
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 T colourless glass with a bromobutyl rubber seal 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 MÉRIGNAC - FRANCE

8 - FRENCH REGISTRATION ID NUMBER
3400950021105: 1.8ml cartridge (colourless glass); box of 50.

9 - DATE OF FIRST AUTHORIZATION/OF 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

<table>
<thead>
<tr>
<th>Needles</th>
<th>Indications</th>
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<tbody>
<tr>
<td>8mm 40/100°</td>
<td>Intra-septal injections</td>
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<tr>
<td>12mm 30/100°</td>
<td>Intra-ligamental injections</td>
</tr>
<tr>
<td>16mm 30/100°</td>
<td>Short Para-apical injections</td>
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<tr>
<td>21mm 30/100°</td>
<td>Long Para-apical injections</td>
</tr>
<tr>
<td>21mm 40/100°</td>
<td>Long Para-apical injections</td>
</tr>
<tr>
<td>35mm 50/100°</td>
<td>Troncular regional injections</td>
</tr>
</tbody>
</table>

Medical device class IIa (LNE-GMED)
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.

**HYCAL**
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.

**EDETAT**
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.

**SALVIZOL E.D.T.A.**
0459

Bottle of 250ml

Medical device class IIa (LNE-GMED)

---

### KIT IRRIGATION

**Syringe for irrigation**

**KIT IRRIGATION**

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, CORTISOMOL™ 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

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 glycyrretinic 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

Medical device class III - CE 0459 (LNE-GMED) (Sealite Ultra powder)
Medical device class Ila - CE 0459 (LNE-GMED) (Sealite liquid)
Medical device class I - CE (spoon, dropper)

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**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**
Liquid: Eugenol - Excipients.

**SEALITE REGULAR KIT**
25g of powder, 10ml of liquid, 1 spoon, 1 dropper

Medical device 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

**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

**MTA CAPS**
0459
1 aluminium bag with 2 pre-proportioned 0.3g-capsules

**MTA APLICAPS x 1**

Medical device class IIa (LNE-GMED) (Capsules)
Medical device class I (Applicator)
EUGENOL PUR

Liquid for zinc-oxide based cement

**PROPERTIES**
The eugenol confronted with bivalent metallic ions (Zn²⁺) forms a chelate: chemopolymerization. Furthermore, the Eugenol is well known for its antiseptic, analgesic and anti-inflammatory properties.

**COMPOSITION**
Eugenol 100%.

**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.

**COMPOSITION**
Dimethylformamide, excipients.

**RESOSOLV™**

Temporary filling cement

**PROPERTIES**
- Ready-to-use (no mixing).
- Watertight (impermeable plastic components).
- Very good adherence to dentine.
- Setting time in mouth: about 3 minutes.

**COMPOSITION**
Zinc oxide, plaster, excipients.

**CIMAVIT™**

Curing material for temporary fillings

**INDICATION**
All types of coronal temporary fillings, temporary fillings in the context of inlay and onlay techniques.

**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, very good resistance to occlusive forces, good aesthetic translucency, its elastic consistency facilitates its removal in one bloc.

**COMPOSITION**
Hydroxyethylmethacrylates, butylhydroxytoluene, acrylate ester and polymers.
PROPHYLAXIS
PERIODONTICS
TISSUE REGENERATION

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-implantal 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.

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
• 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.

PAROGUIDE

Membrane for guided tissue regeneration

INDICATION
• Reconstruction of osseous defects.
• Root furcations repair.
• Augmentation of crests’ volume.
• Covering of peri-implantal spaces.
• Covering of alveoli after tooth extraction.
• Pre and peri-implantal guided tissue regeneration.

COMPOSITION
Type I horse collagen: 96 - 98%, Glycosaminoglycans (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
• 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.
**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 (Ɣ) 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.

**ETIK COLLAGENE**

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.

**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 crisis and coagulation mechanism.

**COMPOSITION**

Type I horse collagen: 96-98%; Glicosaminoglycans (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 opotherapy), from agreed abattoirs (EEC stamp). The compresses obtained are then packaged under unit blisters and sterilised by B 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 fongic security according to our actual knowledge.

**PROPERTIES**

Haemostatic due to mechanical properties

Lyophilized collagen under compress form displays haemostatic 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, strongly adhering to it when subject to 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.

**GINGISTAT**

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

**HEMOSTASYL KIT** - 2 x 2 g-syringe + 40 cannulas

**HEMOSTASYL SERINGUES** - 2 x 2 g-syringe

**HEMOSTASYL CANNULAS** - 40 cannulas

Medical device class IIa - CE 0459 (LNE-GMED) (syringes) Medical device class I - CE (cannulas)
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.

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
- 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.

SOIE DENTAIRE 4/0
280 200
Box containing 36 sutures

SOIE DENTAIRE 3/0
280 100
Box containing 36 sutures

Medical device class IIA - CE 0459 (LNE-GMED)
Manufacturer: Peters Chirurgical - France - Distributed by Produits Dentaires Pierre Rolland

STABILIZATION OF MOBILE TEETH

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

BIOSPLINT BANDELETTES
201 661
0459
Box containing 8 ribbons

BIOSPLINT CISEAU THERMIQUE
201 662
Box containing 1 thermal cutter

BIOSPLINT ACCESSORIES
201 663
Box containing 8 brushes and 3 probes

Medical device class IIA (LNE-GMED) (Biosplint Ribbons)
Medical device class I (Thermal cutter, Accessories)
**DESENSITIZING**

**TILZEN™ ONE**

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 0459** TILZEN ONE 266 151
1 bottle of liquid (5ml), 1 pack of 100 felt applicators, 1 felt holder, 20 plastic application palettes.

Medical device class IIa (LNE-GMED)

**PROPHYLAXIS**

**SITSALICINE™**

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 para-hydroxybenzoate sodium, Excipients.

**CE 0459** SITSALICINE 277 803
Tube containing 60g of paste

Medical device class IIa (LNE-GMED)
**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.

---

**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

**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

**Box of 250 non sterile tips**

- Natural: 201 705

Medical device class I

---

**Box of 100 non-sterile tips with plastic sheath**

- White: 201 751
- Blue: 201 750

Medical devices class I

**Box of 96 tips under individual blisters, sterilized with ethylene oxide**

- White: 201 770

Medical devices class I S (LNE-GMED)
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.

<table>
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<th>Adapter</th>
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<td>LU n°344 C</td>
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<td>LU n°222</td>
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> Other adapters available upon request

Read carefully the instructions for use.
GLOVES

Septol™

**Septol Powdered 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.

**Composition**
First grade latex (natural polymer produced by a tree called “Hevea Brasiliensis”), additives.

**Complies with**

**Septol Powdered Gloves - 10 boxes containing 100 gloves each**

Medical devices class I

219 300 : XS - 219 305 : S - 219 310 : M - 219 315 : L

---

**Septol N.P. 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.

**Composition**
Very high quality latex (natural polymer produced by a tree called “Hevea Brasiliensis”); Aloe Vera.

**Complies with**

**Septol Powder-Free Gloves with Aloe Vera - 10 boxes containing 100 gloves each**

Medical devices class I


---

**Septol N.P. Nitrile**

**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.

**Composition**
Butadiene-acrylonitrile copolymer, Synthetic elastomer, Vulcanization agent: carbamate derivative.

**Complies with**
- ASTM D6319-10 “Specifications for nitrile examination gloves” and ASTM D5151-06 “Detection of holes in medical gloves”.

**Septol Gloves Nitrile - 1 box of 100 gloves**

Medical devices class I


---

**Septol N.P. Nitrile**

**Properties**
- Ambidextrous
- Powder free
- Semi-rough outside surface
- Non sterile, single use
- Manufactured to offer a maximum of strength, without sacrificing the necessary tactility

**Composition**
Latex (natural polymer produced by a tree called “Hevea Brasiliensis”), additives.

**Septol Powder-Free Gloves - 10 boxes containing 100 gloves each**

Medical devices class I

219 400 : XS - 219 405 : S - 219 410 : M - 219 415 : L

---

**Septol N.P. Latex**

**Properties**
- Ambidextrous
- Powder free
- 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.

**Composition**
First grade latex (natural polymer produced by a tree called “Hevea Brasiliensis”), additives.

**Complies with**

**Septol Powder-Free Gloves - 10 boxes containing 100 gloves each**

Medical devices class I

219 600 : XS - 219 605 : S - 219 610 : M - 219 615 : L

---

**Septol N.P. Nitrile**

**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.

**Composition**
Butadiene-acrylonitrile copolymer, Synthetic elastomer, Vulcanization agent: carbamate derivative.

**Complies with**
- ASTM D6319-10 “Specifications for nitrile examination gloves” and ASTM D5151-06 “Detection of holes in medical gloves”.

**Septol Gloves Nitrile - 1 box of 100 gloves**

Medical devices class I


---

**Septol N.P. Latex**

**Properties**
- Ambidextrous
- Powder free
- 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.

**Composition**
First grade latex (natural polymer produced by a tree called “Hevea Brasiliensis”), additives.

**Complies with**

**Septol Powder-Free Gloves - 10 boxes containing 100 gloves each**

Medical devices class I

219 400 : XS - 219 405 : S - 219 410 : M - 219 415 : L
### 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

**Presentation**
- Box of 500 masks

**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

**Order**
- Box of 500 masks

**Price**
- 249 020

---

### ESSUIE-MAINS / HAND TOWELS

**Presentation**
- Size: 19cm x 25cm
- Color: white

**Properties**
- Excellent absorption.
- One towel is enough (6 layers of cellulose)
- High resistance

**Order**
- Carton box containing 1600 pieces

**Price**
- 274 521

### BAVETTES / BIBS

**Protection during scaling and air polishing**

**Presentation**
- Plastic sheet placed between 2 layers of cotton
- Size: 40 x 50cm

**Order**
- Carton box containing 450 pieces

**Price**
- 272 055

---

### 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 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 - HEV 1 - Influenza Virus [H1N1] - Respiratory Syncytial Virus (RSV) - Murine NoroVirus (MNV), surrogate of Human NoroVirus.

**Order**
- 6 x 300ml

**Price**
- 268 290

---

### SEPTOL D'EAU

**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)

**Order**
- 1 litre-bottle with 4ml measuring pump*
- 5 litre-bottle with tap*
- 1 litre-bottle for wall dispenser
- 1 litre-bottle with tap*

**Price**
- 268 507
- 268 506
- 268 510
- 260 511
- 260 530

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### SEPTOL MAINS

**Biocide product for personal hygiene (group 1 - TP1)**

**Order**
- 6 x 300ml

---
**Septol Instruments Enzymatic**

**INDICATION**
- **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:*

**SEPTOL INSTRUMENTS ENZYMIC** - 5 Litre-bottle
Concentrated product to dilute (1%), with a 20cc proportion pump
Medical device class IIb (LNE-GMED)

**IMMERSION TANK**

**Septol Fraises**

**INDICATION**
- SEPTOL™ Fraises is used before sterilization to clean and decontaminate burs and instruments (rotative or not).

**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: NF EN 1040 - NF EN 13727 – NF EN 14561
- Fungicidal: NF EN 1275 – NF EN 13624 – NF EN 14562
- Also acts on: BK (Mycobacterium tuberculosis) – HIV 1 – Herpes Virus Type I – BVDV ( surrogate of Hepatitis C virus).

**SEPTOL FRAISES**
- 0459  Ready to use - 2 litre-bottle
Medical device class IIb (LNE-GMED)

**Septol Lingettes**

**INDICATION**
- SEPTOL™ Lingettes are made of a non-woven cellulose fibre base material impregnated with a cleansing and disinfectant solution without aldehyde.

**PROPERTIES**
- 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 13727 – NF EN 14561
  - Yeastidical and fungicidal activity: NF EN 1275 – NF EN 13624 – NF EN 13697
- It also acts on: BK (Mycobacterium tuberculosis) – HIV 1 – Herpes Virus Type I – PRV ( surrogate of Hepatitis C virus).

**SEPTOL LINGETTES**
- 0459  Watertight box with distributor and re-closing lid - 6 refills of120 wipes
Medical device class IIa (LNE-GMED)

**Septol Aspiration**

**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.
- Contact time: 15 minutes.

*In compliance with the following standards:
- Bactericidal activity: NF EN 1040 - NF EN 13727 – NF EN 14561
- Yeastidical activity: NF EN 13624 (C. albicans).

**SEPTOL ASPIRATION**
- 0459  5 litre-bottle with a 20cc proportion pump
Medical device class IIa (LNE-GMED)
**Septol™ Spray Liquide**

**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.

<table>
<thead>
<tr>
<th><strong>SEPTOL SPRAY LIQUIDE</strong></th>
<th><strong>268 349</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Litre-bottle with a spray attachment</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th><strong>SEPTOL SPRAY LIQUIDE</strong></th>
<th><strong>268 348</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Litre-bottle with a tap attachment</td>
<td></td>
</tr>
</tbody>
</table>

Medical device class IIa (LNE-GMED)

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**Septol™ Empreintes**

**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

<table>
<thead>
<tr>
<th><strong>SEPTOL EMPREINTES</strong></th>
<th><strong>268 322</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 liter bottle with a graduated-integrated dosing system</td>
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Medical device class IIa (LNE-GMED)

**IMMERSION TANK**

<table>
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<tr>
<th><strong>268 325</strong></th>
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</thead>
</table>

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RESTORATION
**CAVITY LINER**

**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.

Medical device class IIa (LNE-GMED)

**CAV·HYCAL**

0459 2 x 2ml syringes and 20 disposable tips.

213 866

**RESTORATION & CEMENTS**

**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).

**COMPOSITION**
Powder: zinc oxide, fluorides, excipients.
Liquid: copolymer of acrylic and tricarboxylic acids, excipients.

Medical device class IIa (LNE-GMED)

0459 60g of powder; 40g (33ml) of liquid; 1 powder measuring spoon.

213 765
**PR SCCELL™ GLASS-IONOMER**

Permanent luting cement for crowns, bridges, posts, inlays and orthodontic devices.

**PROPERTIES**
PR SCCELL™ 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.

**COMPOSITION**
Powder: alumino-silicates, fluorides, excipients.
Liquid: copolymer of acrylic and tricarboxylic acids, excipients.


**INDICATION**
Semi-permanent sealing of crowns and bridges over implants.

**PROPERTIES**
- Excellent marginal seal thanks to low expansion
- Very thin film thickness (< 20µm)
- Strong adhesion to the teeth
- Can be removed easily

**COMPOSITION**
Acrylic resin with two components, autopolymerisable, automatic mixing (ratio 4:1), high colour stability, very little retraction on polymerisation, limited exothermal reaction; no pulpal aggression, excellent fitting, optimal polishing, good compatibility, repairable.

**COOL SIN™**
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.

**PROPERTIES**
- Acrylic resin
- Does not require the use of etching, adhesive or primer
- Comes in a syringe for easy and straightforward use
- Strong adhesion to the teeth
- Can be removed easily

**COMPOSITION**
Matrix of EBPADMA resins, barium glass, silicon dioxide, excipients.

**INDICATION**
Preparation of temporary crowns and bridges specially designed for temporary long-life prostheses. Ensures the stump is protected from any external aggression.

**PROPERTIES**
- 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 straightforward use

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**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.

**Composition**
37% ortho-phosphoric acid.

**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

**Composition**
Bis-GMA resins, Ethanol/Water mixing, Additives, catalyst

**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

**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
- 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

**Composition**
- Post: composite reinforced with «S» type glass fiber (≈ 60%) in an epoxy resin matrix
- Drill: stainless steel

**Posts**

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<tr>
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</tr>
<tr>
<td>3</td>
<td>Refill size 3 x 10</td>
<td>251 168</td>
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</table>

Medical device class IIa (LNE-GMED)
SULCULAR OPENING
**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

**Composition**
- Aluminium chloride (≈ 15%)
- Kaolin
- Excipients

**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
  - 294 010
- 20 capsules
  - 261 030

**Cannulas**
- 40 bent cannulas
  - 261 045
- 100 bent cannulas
  - 261 015
- 40 straight cannulas (can be bent)
  - 261 040
- 100 straight cannulas (can be bent)
  - 261 005

**Medical device class I**
IMPRESSION MATERIALS
**Algina spray**

**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.

**Chromalg’x™**

**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.

**Chromalg’x™ Eco**
1 box containing 12 x 500g bags, powder and water measuring spoons.

**Chromalg’x™ Clinic**
24 x 500g bags, powder and water measuring spoons.

**Orthofast™**

**Indication**
Dental alginate impressions.

**Properties**
- Very short setting time, especially for orthodontics: 1 min 40s to 2min.
- Orange colour, Apricot flavour.

**Composition**
Alginate salts; Mineral charge; Colouring agents and food flavourings

**Orthofast™**
1 box containing 2 x 500g bags, powder and water measuring spoon

**Orthofast Eco**
1 box containing 12 x 500g bags, powder and water measuring spoon

**Orthofast Clinic**
24 x 500g bags, powder and water measuring spoons

**Pralg’x™**

**Indication**
Dental alginate impressions.

**Properties**
- High resistant alginate.
- Setting time: 2min 10s to 2min 30s.
- Green colour, Mint flavour.

**Composition**
Alginate salts; Mineral charge; Colouring agents and food flavourings

**Pralg’x™**
1 box containing 2 x 500g bags, powder and water measuring spoon

**Pralg’x Eco**
1 box containing 12 x 500g bags, powder and water measuring spoon

**Pralg’x Clinic**
24 x 500g bags, powder and water measuring spoons
### Kite Surf Putty Soft

**INDICATION**
Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

**PROPERTIES**
- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**COMPOSITION**
Polyvinylsiloxane, silica, excipients.

**KITE SURF PUTTY SOFT Normal setting**
- 1x300ml jar of base, 1x300ml jar of catalyst, 2 spoons

**KITE SURF PUTTY SOFT Fast setting**
- 1x300ml jar of base, 1x300ml jar of catalyst, 2 spoons

**Medical devices class I**

### Kite Surf Heavy XL

**INDICATION**
Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

**PROPERTIES**
- High viscosity, fast setting.

**COMPOSITION**
Polyvinylsiloxane, silica, excipients.

**KITE SURF HEAVY XL Fast setting**
- 2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

**Medical devices class I**

### Kite Surf Putty Soft XL

**INDICATION**
Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

**PROPERTIES**
- Bright, contrasting colors
- Bubble gum flavour
- Time management (snap-set effect)

**COMPOSITION**
Polyvinylsiloxane, silica, excipients.

**KITE SURF PUTTY SOFT XL Ultra Fast setting**
- 2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

**KITE SURF PUTTY SOFT XL Normal setting**
- 2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

**Medical devices class I**

### Kite Surf Monophase XL

**INDICATION**
Single-phase precision impression with a single material for individual impression trays.

**PROPERTIES**
- Intermediate viscosity, normal setting.

**COMPOSITION**
Polyvinylsiloxane.

**KITE SURF MONOPHASE XL Normal setting**
- 2 x 380ml XL cartridges (base and catalyst), 20 mixing tips and 2 locking rings

**Medical devices class I**
**Addition silicone for precision impressions**

**Regular**

**INDICATION**
Corrective impression: in the dual mixture technique (suitable for injection).

Single-phase impression: with individual impression carrier.

Triple viscosity impression.

**PROPERTIES**
- High hydrophily
- Low viscosity - liquid consistency
- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**COMPOSITION**
Polyvinylsiloxane, silica, catalyst, excipients.

**Regular**

**KITE SURF REGULAR Normal setting**
2 x 50ml cartridges (base and catalyst) and 48 mixing tips

KITE SURF REGULAR MIXING TIPS x 48
KITE SURF REGULAR ORAL TIPS x 96
KITE SURF APPLICATOR

**Medical devices class I**

**Light (ultra low consistency)**

**INDICATION**
Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

**PROPERTIES**
- High hydrophily
- Low viscosity - ultra low consistency
- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**COMPOSITION**
Polyvinylsiloxane, silica, catalyst, excipients.

**Light (ultra low consistency)**

**KITE SURF LIGHT Normal setting**
2 x 50ml cartridges (base and catalyst) and 48 mixing tips

KITE SURF LIGHT MIXING TIPS x 48
KITE SURF LIGHT ORAL TIPS x 96
KITE SURF APPLICATOR

**Medical devices class I**

**Addition silicone for precision impressions**

**Basic Light (low consistency)**

**INDICATION**
Corrective impression: in the dual mixture technique (suitable for injection).

Double mix impression (1 step), wash technique impression (2 steps) or triple viscosity impression.

**PROPERTIES**
- High hydrophily
- Low viscosity - liquid consistency
- Time management (snap-set effect)
- Bright, contrasting colors
- Bubble gum flavour

**COMPOSITION**
Polyvinylsiloxane, silica, catalyst, excipients.

**Basic Light (low consistency)**

**KITE SURF BASIC LIGHT Normal setting**
2 x 50ml cartridges (base and catalyst) and 48 mixing tips

KITE SURF BASIC LIGHT Fast setting
KITE SURF LIGHT MIXING TIPS x 48
KITE SURF LIGHT ORAL TIPS x 96
KITE SURF APPLICATOR

**Medical devices class I**

**Bite registration material**

**Occlusion**

**INDICATION**
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.

**Occlusion**

**KITE SURF OCCLUSION**
2 x 50ml cartridges (base and catalyst), 12 mixing tips and 12 intraoral tips

KITE SURF APPLICATOR

**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”.

| GUMAK ADDITION PUTTY SOFT Normal setting | 241 120 |
| GUMAK ADDITION PUTTY SOFT Fast setting  | 241 100 |

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”.

| GUMAK ADDITION LIGHT Normal setting | 264 300 |
| GUMAK ADDITION LIGHT Fast setting  | 264 200 |
| LIGHT MIXING TIPS x 48             | 281 355 |
| LIGHT ORAL TIPS x 96               | 281 365 |
| KITE SURF APPLICATOR               | 281 155 |

Medical devices class I

Kite Surf™ Rebasage

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 cicatrisation after implantation or extraction.

**COMPOSITION**
Rebasing silicone: 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 guaranteeing a fast and easy work, using the directly in mouth soft rebasing technique.

| KITE SURF REBASAGE                | 281 417 |
| KITE SURF REBASAGE ADHESIF        | 281 415 |
| KITE SURF REBASAGE VERNIS         | 281 416 |
| KITE SURF APPLICATOR              | 281 155 |

Medical devices class I

Kite Surf™ Adhésif

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 (soft or resin).

**COMPOSITION**
Xylene, toluene, polylsilsiloxane resin.

| KITE SURF ADHESIF                | 281 172 |

10ml bottle with a brush-stopper

Medical device class I
Kite Surf Spot

**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.

**PROPERTIES**
Low-viscosity condensation curing silicone.

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.

**COMPOSITION**
Base: polysiloxane, mineral filler, excipients.
Catalyst: stano-organic compound, excipients.

**KITE SURF SPOT**
1 x 140ml tube of base, 1 x 20ml tube of catalyst, 1 pen

Medical device class I
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<td>Linking cables</td>
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<td>Configuration</td>
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I AM ALL INTEGRATED

ULTRASONICS

ACTEON
STANDARD KITS

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<th>Color</th>
<th>Ø</th>
<th>Length</th>
<th>Ref.</th>
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<th>Potentiometer</th>
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<tr>
<td>&gt; With LIGHT GREY cord</td>
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<td>F55292</td>
<td>SP Newton 4K5V</td>
<td>R7035 4x6</td>
<td>2070</td>
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<td>F12281</td>
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<td>SP Newton 4K5V with connectors</td>
<td>P166 6x8</td>
<td>2070</td>
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<td>&gt; with DARK GREY cord</td>
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<td>SP Newton 4K5V</td>
<td>P107 7x10</td>
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<td>F00426</td>
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<td>SP Newton</td>
<td>P107 4x6</td>
<td>2300</td>
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<td>SP Newton 4,7K5V</td>
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<td>2300</td>
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</tbody>
</table>

B.LED KITS

<table>
<thead>
<tr>
<th>Color</th>
<th>Ø</th>
<th>Length</th>
<th>Ref.</th>
<th>Hand-piece</th>
<th>Potentiometer</th>
<th>Tips</th>
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<tr>
<td>&gt; With LIGHT GREY cord</td>
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<td>F56260</td>
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SPECIFIC KITS

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<th>Potentiometer</th>
<th>Tips</th>
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<tr>
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<td>1900</td>
<td>F01154</td>
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<tr>
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<td>P101 5x7</td>
<td>1900</td>
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<td>F56274</td>
<td>SP Newton 4K5V</td>
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<td>2300</td>
<td>F01180*</td>
<td>F12281</td>
<td>E51745*</td>
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</table>

*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

<table>
<thead>
<tr>
<th>Color</th>
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<th>Length</th>
<th>Ref.</th>
<th>Potentiometer</th>
<th>Tips</th>
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<td>SP Newtron LED Driver</td>
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<td>7x10</td>
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## Specific Kits

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<th>Tips</th>
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<td>5x7</td>
<td>2300</td>
<td>R0118</td>
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---

**Legends**:
- Light grey
- Medium grey
- Adec grey
- Dark grey
### OTHER MODULES

#### SP 4055 NEWTRON

**SP 4055 NEWTRON MODULE**

<table>
<thead>
<tr>
<th>Cord</th>
<th>Handpiece</th>
<th>Potentiometer</th>
<th>Tips</th>
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<tbody>
<tr>
<td>FSS270</td>
<td>SP 4055 Newtron LED Driver</td>
<td>P107</td>
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<td></td>
<td>SP 4055 Newtron Belmont</td>
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#### SP 4055

**SP 4055 MODULE**

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### CORDS

#### STANDARD CORDS

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<tr>
<td>F00195</td>
<td>Light grey silicone cord</td>
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<tr>
<td>F00239</td>
<td>Silicone cord 6x8</td>
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<tr>
<td>F00416*</td>
<td>Light grey silicone cord units USA</td>
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<tr>
<td>&gt; MEDIUM GREY</td>
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<tr>
<td>F01153</td>
<td>Newtron cord 61*</td>
<td>P101</td>
</tr>
<tr>
<td>F01154</td>
<td>Newtron cord 81*</td>
<td>P101</td>
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<tr>
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<tr>
<td>F00150</td>
<td>Silicone cord P359</td>
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<td>F00187</td>
<td>Silicone cord P107</td>
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<td>Takara cord</td>
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<td>F00433</td>
<td>P107 cord</td>
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<td>F01157</td>
<td>Belmont cord</td>
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<td>F00184</td>
<td>Newtron cord 61*</td>
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<td>F00188</td>
<td>Newtron cord 81*</td>
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<td>F01180*</td>
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#### LED CORDS

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<tr>
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<td>LED Slim cord</td>
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<td>F00607</td>
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<td>F00633</td>
<td>Newtron LED cord 81*</td>
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<td>F00618</td>
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<td>LED Slim cord</td>
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<td>&gt; ADEC GREY</td>
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<td>F01182</td>
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<td>F00616</td>
<td>LED handpiece cord Surf 6 Adec</td>
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*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

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
I AM ALL INTEGRATED

MOTORS

ACTEON
## MODULES

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>M6 Module (without option)</td>
<td>F34300</td>
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<tr>
<td>M6P Module (pneumatic option with connectors)</td>
<td>F34304</td>
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<tr>
<td>M6PL Motor command module</td>
<td>X34250</td>
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## ACCESSORIES

### MOTORS (NEW GENERATION)

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<td>Light motor</td>
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<tr>
<td>External spray AV40 motor</td>
<td>F28502</td>
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<tr>
<td>Internal spray IS40 motor</td>
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### MOTOR CORDS (NEW GENERATION)

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<tr>
<td>Light and IS motors medium grey cord</td>
<td>F33711</td>
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<td>AV motor medium grey cord</td>
<td>F33712</td>
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<td>Light motor black coiled cord</td>
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### MOTOR CORDS (FORMER GENERATION)

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<td>Light grey silicone cord for IS/IMN</td>
<td>F33514</td>
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<tr>
<td>Autoclavable cord for ST motor</td>
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</tbody>
</table>

*Discontinued, available until stock runs out*
I AM ALL INTEGRATED

POLYMERIZATION
**CURING LIGHTS**

**Mini LED™ OEM** (with module)
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** (without module)
Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and 2 caps.
- with light grey cord F02715

**Mini LED™ SuperCharged OEM**
Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and an oval light shield.
- dark grey cord F05207
- medium grey cord F05206
- light grey cord F05205
- ADEC Surf 6 cord F05208

**Mini LED™ SuperCharged OEM** handpiece F05218

**Mini LED™ OEM handpiece** F02710

**Mini LED™ OEM handpiece** (without module)
Delivered with a handpiece, a module, a Ø7.5mm opalescent guide and 2 caps.
- with light grey cord F02714

**Mini LED™ OEM handpiece** F02710
### Polymerization Polymerization Polymerization

#### Modules and Cords

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<td>Medium grey cord</td>
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<td>ADEC Surf 6 cord</td>
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<td>ADEC 500 Grey 3 (medium grey) cord</td>
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**For standard accessories, please refer to tabletop curing lights 84-88**

#### Former Generations

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<td>Mini LED™ AutoFocus OEM module</td>
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<tr>
<td>Mini LED™ AutoFocus dark grey crd</td>
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<tbody>
<tr>
<td>SL4055 fiber Ø8mm</td>
<td>Discontinued, available until stock runs out</td>
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</tbody>
</table>
I AM ALL INTEGRATED

INTRAORAL CAMERAS

ACTEON
**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
  - 922062

- Length 5 m
  - 922063

- Length 7 m
  - 922064

**LINKING CABLES**

**SATELEC®**

- Instrument holder - Length 2.5 m
  - 922065

- Instrument holder - Length 5 m
  - 922066

- Instrument holder - Length 7 m
  - 922067

- Cattani Ø21 suction holder - Length 5 m
  - 922075

- UK pending cord holder - Length 2.5 m
  - 922086

- UK pending cord holder - Length 5 m
  - 922087

- UK pending cord holder - Length 7 m
  - 922088

**ADEC 500**

- Instrument holder - Length 2 m
  - 922098

- Instrument holder - Length 5 m
  - 922099

- Instrument holder - Length 7 m
  - 922100

- Cattani Ø21 suction holder - Length 2 m
  - 922101

- Cattani Ø21 suction holder - Length 5 m
  - 922102

- Cattani Ø21 suction holder - Length 7 m
  - 922103

- UK pending cord holder - Length 2 m
  - 922104

- UK pending cord holder - Length 5 m
  - 922105

- UK pending cord holder - Length 7 m
  - 922106
### 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

### 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 FOR BUILT-IN DOCKING STATIONS TYPE U

#### WITHOUT SHEATH
- Length 2,5 m
  - 922144
- Length 5 m
  - 922145
- Length 7 m
  - 922146
**LINKING CABLES**

**ADEC 300**
- UK pending cord holder - Length 2 m
- UK pending cord holder - Length 7 m

**BELMONT**
- Instrument holder - Length 2.5 m
- Instrument holder - Length 5 m
- Instrument holder - Length 7 m
- Cattani Ø21 suction holder - Length 2.5 m
- Cattani Ø21 suction holder - Length 5 m
- UK pending cord holder - Length 7 m

**FEDESA**
- Instrument holder - Length 2.5 m
- Instrument holder - Length 5 m
- Instrument holder - Length 7 m
- Cattani Ø21 suction holder - Length 5 m

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**CONFIGURATION**

**CONFIGURATION OF DOCK MU AND DOCK U**

**BUILT-IN DOCKING STATION**
- Dock MU USB2
- Dock MU Video

**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**
- 2 m
- 2.5 m
- 5 m
- 7 m

**ACCESSORIES**
- Footswitch
- Video cable RCA/RCA 1.5 m
- S-video cable YC/YC 1.5 m or 5 m
- USB2.0 cable 2 m, 5 m or 8 m Only available in 5 m for Dock U USB2
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

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ACTEON® TAIWAN (Taipei)
e-mail: tina.chu@tw.acteongroup.com

ACTEON® IS REPRESENTED IN MORE THAN 100 COUNTRIES AROUND THE WORLD
CERTIFICAT
CERTIFICATE OF REGISTRATION
N° 7919 rev. 6

Le LNE certifie que le système de management de la qualité développé par
SATELEC
A Company of ACTEON Group
17 av. Gustave Eiffel
BP 30218
33708 MERIGNAC Cedex
FRANCE

pour les activités

Conception, fabrication, service après-ventes et ventes d'appareils électroniques
à usage dentaire, de dispositif d'electrocirurgie et d'accessoires stériles et non stériles
Conception, fabrication, service après-ventes et ventes d'appareils électroniques destinés à
la chirurgie des cé et substitués ceseux, avec leurs accessoires stériles et non stériles
Design, manufacture, after-sales service and sales of dental electronics,
electro-surgery 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
33708 MERIGNAC Cedex - FRANCE

est conforme aux exigences des normes internationales
complies with the requirements of the international standards

ISO 13485 : 2003

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Etablir le / Issued on : June 19th, 2014

For the General Director
Laurence DABAGELLI
Deputy Director

LABORATOIRE NATIONAL DE MÉTROLOGIE ET D’ESSAIS - Établissement public à caractère industriel et commercial
LNE-G-MED - Organisme notifié n° 0439
1, rue Galton Boissier - 75724 Paris Cedex 15 - Tél. : 01 40 43 37 90 - Fax : 01 40 43 37 37 - www.lne.fr - www.gmed.fr

CERTIFICAT
CERTIFICATE OF REGISTRATION
N° 7665 rev. 3

Le LNE certifie que le système de management de la qualité développé par
SOPRO
ZAC Athélie IV, Avenue des Genévriers,
13705 LA CIOTAT CEDEX FRANCE

pour les activités

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 coloroscope 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 coloroscopy

réalisées sur le(s) site(s) de
performed on the location(s) of

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est conforme aux exigences des normes internationales
complies with the requirements of the international standards

ISO 13485 : 2003

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Etablir le / Issued on : November 20th, 2012

For the General Director
Laurence DABAGELLI
Deputy Director

LABORATOIRE NATIONAL DE MÉTROLOGIE ET D’ESSAIS - Établissement public à caractère industriel et commercial
LNE-G-MED - Organisme notifié n° 0439
1, rue Galton Boissier - 75724 Paris Cedex 15 - Tél. : 01 40 43 37 90 - Fax : 01 40 43 37 37 - www.lne.fr - www.gmed.fr
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.