

Conservative ultrasonic dentistry

EVERYDAY, FOR EVERY CLINICAL SITUATION

Enhancing your workflows
through innovation

newtron 



 acteon

Efficacy and safety with Newtron® technology



Perfect ultrasonic vibrations, combined with high quality tips, preserve teeth and ensure accurate treatments.

• Precision

Precise treatments thanks to the controlled linear vibrations

• Preservation

Tissue preservation with the automatic and continuous frequency adjustment

• Comfort

Comfort for the patient and practitioner thanks to the real time power adjustment



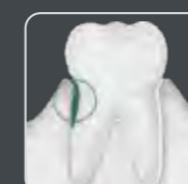
A large range of tips meeting all the clinical needs

The widest range in the market, having over 60 different tips, with exclusive designs, alloys and coatings for clinical versatility.

PROPHYLAXIS



PERIODONTICS



ENDODONTICS



SURGICAL ENDODONTICS



IMPLANT CARE



PROSTHETIC DENTISTRY



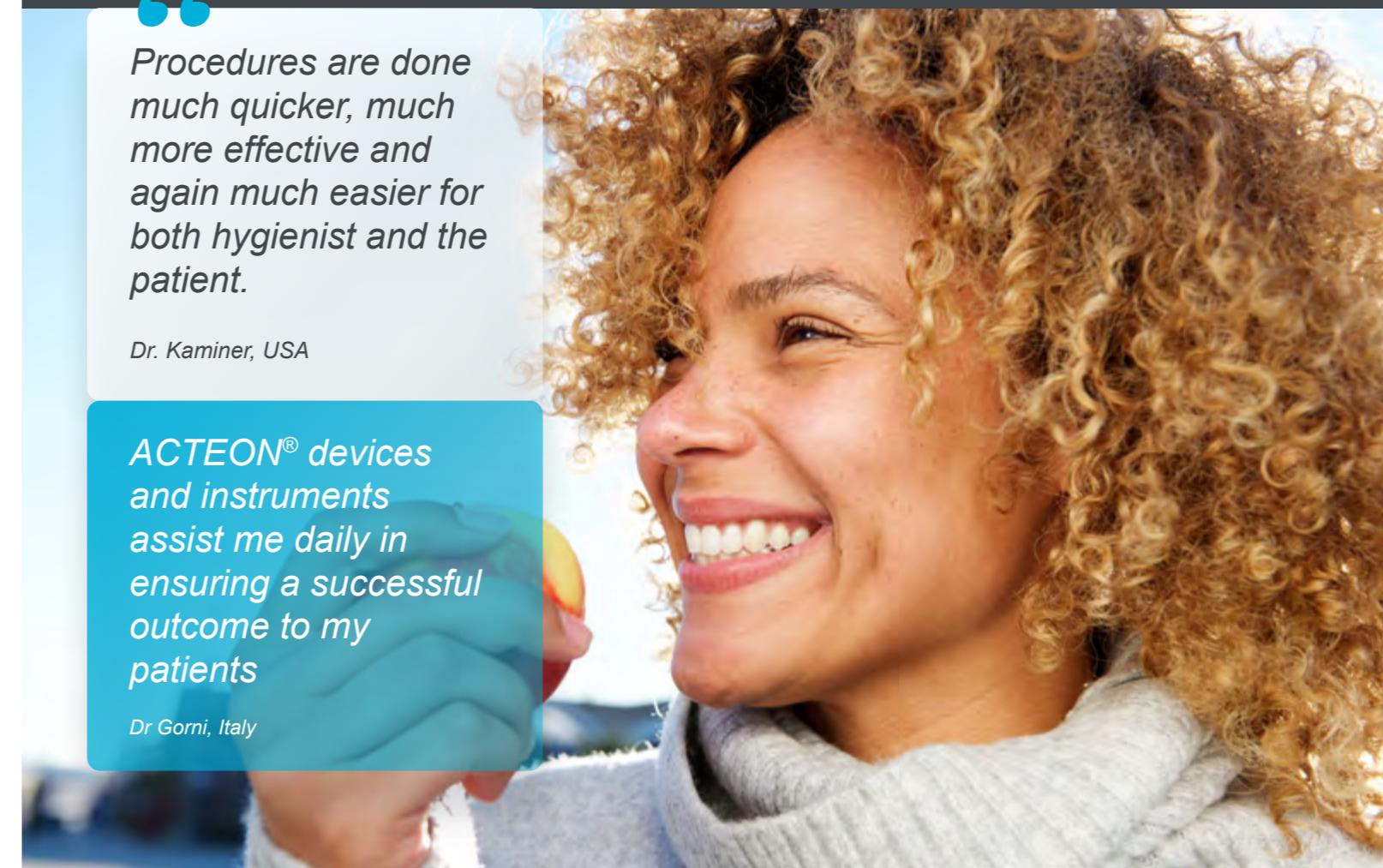
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Procedures are done much quicker, much more effective and again much easier for both hygienist and the patient.

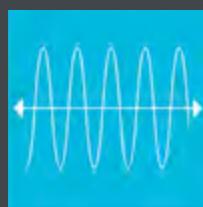
Dr. Kaminer, USA

ACTEON® devices and instruments assist me daily in ensuring a successful outcome to my patients

Dr Gorni, Italy



Gentle treatments thanks to Newtron® technology



- Controlled linear and regular vibrations
- Automatic and continuous frequency adjustment according to each tip shape and weight
- Real time power adjustment



- Total irrigation control
- Powerful cavitation

Enhanced visibility for accurate procedures

• Optimized external irrigation system

Thanks to the inner part of the handpiece in titanium, **any type of irrigation solution including water, sodium hypochlorite and chlorhexidine**, can be used.

The 300ml or 500ml graduated tanks allow to mix solutions directly, and to fill in during procedures.



• Reduced nebulization Better visibility

The **irrigation can be reduced and controlled**, allowing better visibility and lowering nebulization.

• Irrigation to the end of the tip

The easy and precise flow adjustment provides more powerfull cavitation and maximum tip efficiency (deposits fragmentation, desinfecting effect).

- **F.L.A.G.™ for B.LED** guides the practitioner for a precise and accurate treatment



Without B.LED



With B.LED

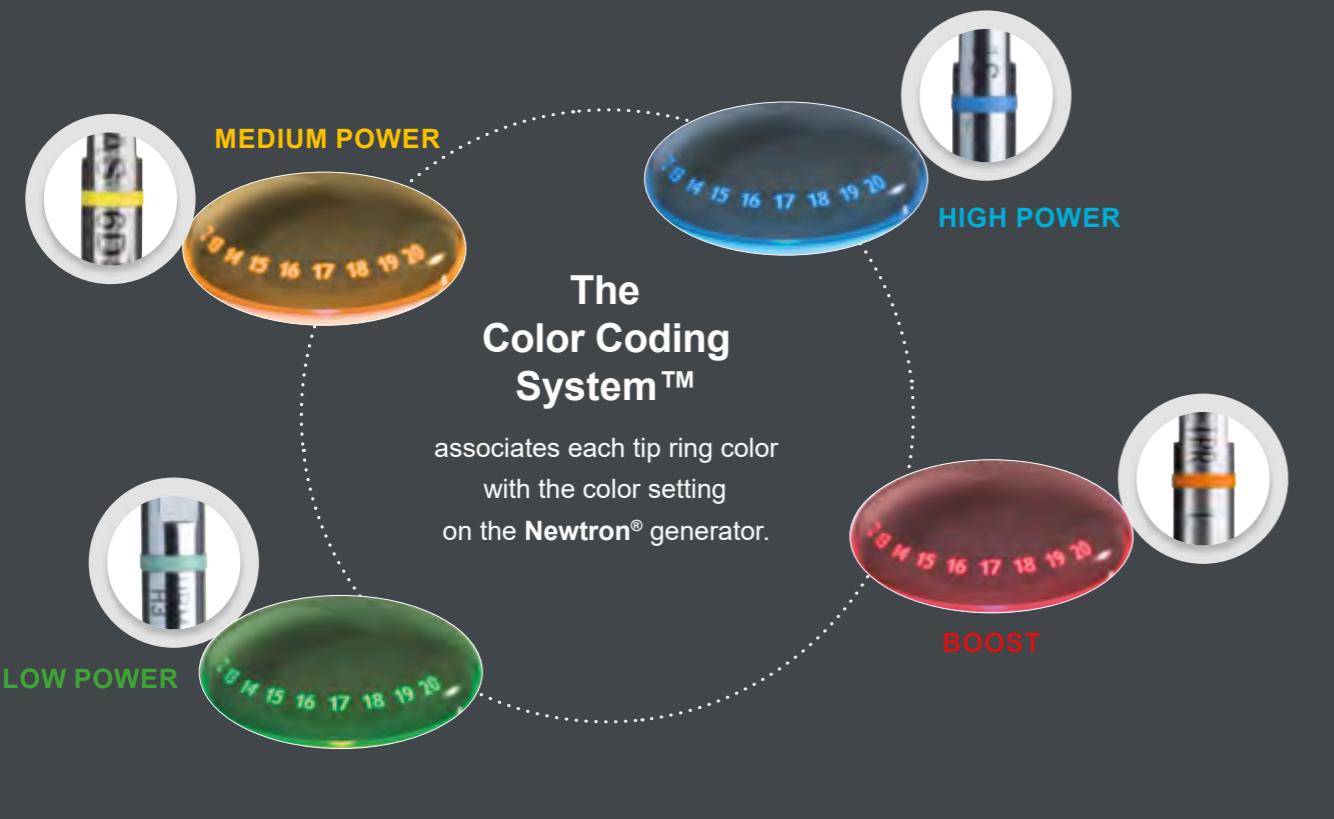
Applied on teeth, F.L.A.G.™ for B.LED highlights the dental plaques when used under the Newtron® slim B.LED handpiece and guides the practitioner in his procedure.

- Enhances treatment accuracy and avoids the overuse of instruments, thus preserving healthy tissues.

- Enables practitioners to **educate patients and to encourage compliance**.



Simple and intuitive settings with the Color Coding System™



A design adapted to your needs

- **Elegant device**

Flat glass surface, clean line and luminous power dial

- **Optimal ergonomics**

Inclined front panel for better interaction with the practitioner and accessibility to the settings and the handpiece

- **Meeting hygiene requirements**

- Removable power adjustment knob for easy decontamination
- Total watertightness

- **Balanced Newtron® slim handpiece**

- Ergonomic shape regardless of the grip position, with flexible cord
- Interior in Titanium for extreme resistance to corrosion

- **Exclusive handpiece holders to prevent falls**

Installed on the front or the side of the device, the holders in silicone can be removed and autoclaved





Efficacy and safety

Choose the **ACTEON® Original tips** to get the full performance of your Newtron® ultrasounds generator

ACTEON® Original tips certify performance and safety

Our genuine ACTEON® tips have been designed to bring the best performance, efficiency and safety with Newtron®. ACTEON®'s liability - both legal and with regard to the warranty of parts and accessories - can't be engaged for the damages that might arise from the use of other than ACTEON® Original tips, such as:

- Lack of performance
- Break-up of the device
- Safety of the patient



How to recognize a worn tip?

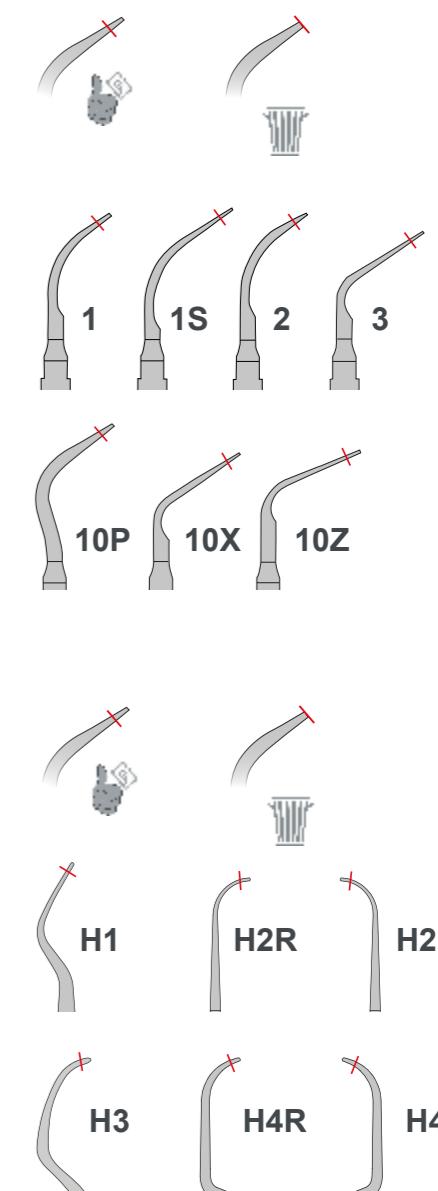
For a maximum performance and safety, tips must be renew

The active part of the tip is located on the last 3 mm. When the tip is worn, the action is limited and some key indicators can help the practitioner to identify a worn tip:

- Lack of results, because the oscillation of the tip is limited
- Pain for the patient, because of the increase of the power needed
- Overwarming of the surface
- Fatigue for the practitioner, because more pressure is needed to have a good result

For an optimal performance and the safety of your patients, it is important to change the tips on a regular basis, and not use worn tips.

ACTEON® is providing a tip card which gives information on the wear of the tip.



EN Fit the tip to the handpiece and place it on the edge of the card over the relevant diagram.

Tips settings recommendations

Tips	Newtron® Devices	POWER	IRRIGATION
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PROPHYLAXIS

1 / 2 / 3 / 1S	14	
10P	14	
10X / 10Z	12	
EX1* / EX2* / EX3* / EXL* / EXR*	12	

PERIODONTICS

H1 / H2L / H2R / H3 / H4L / H4R	2	
P2L / P2R	3	
TK1-1S	2	
TK1-1L / TK2-1L / TK2-1R	2	

IMPLANT CARE

PH1 / PH2L / PH2R	2	
IP1	3	
IP2L / IP2R / IP3L / IP3R	5	

ENDODONTICS

CAP1	10	
CAP2 / CAP3	10	
ET18D	10	
ET20 / ET25 / ET25S / ETBD	7	



drop-by-drop



medium spray



high spray



no irrigation

*These products are discontinued

Meet your expectations with Newtron® ultrasonic devices



newtron P5XSb-led

Versatile & autonomous

Handpiece: LED
NEWTRON® SLIM B.LED
blue ring (F12900)
white ring (F12905)

Irrigation: 300ml tank
(500ml tank in option:
F62005)
Irrigation flow rate: 5 -
40 ml/min

**Dental plaque disclosing
liquid:**
F.L.A.G.™ for B.LED

Handpiece weight: 48g
Device weight: 2100g
**Overall dimensions
(LxWxH):**
260x185x140mm

Non b-led option also available



newtron P5b-led

Design & ergonomic

Handpiece: LED
NEWTRON® SLIM B.LED
blue ring (F12900)
white ring (F12905)

Irrigation: Connected to
the water supply
Pressure: 1 to 5 bars

**Dental plaque disclosing
liquid:**
F.L.A.G.™ for B.LED

Handpiece weight: 48g
Device weight: 1650g
**Overall dimensions
(LxWxH):**
155x185x100mm

Non b-led option also available



newtron booster

Compact & efficient

Handpiece: Not LED
SP NEWTRON® (F12281)

**Overall dimensions
(LxWxH):**
129x160x87mm

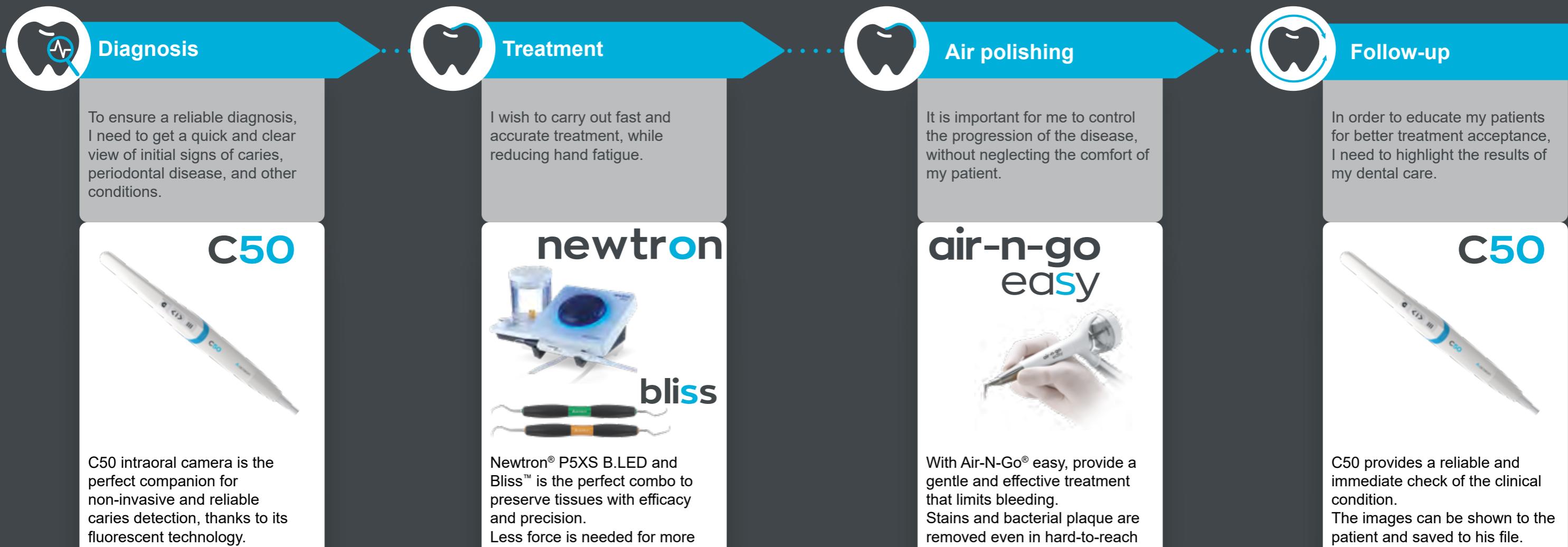
Irrigation: Connected to the
water supply
Pressure: 1 to 5 bars

Handpiece weight: 52g
Device weight: 1600g



About Prophylaxis workflow

This combination of solutions helps dentists easily prevent and diagnose potential dental problems such as periodontal disease and tooth decay. It also allows to perform safe and minimally invasive procedures, providing best care and comfort for patients.



Protection

I need to ensure optimal clinical protection for my patients and limit the risk of cross-contamination.



riskontrol

Riskontrol® disposable tips are your must-have solution to perform dental care in a safe and clean place. It assures protection, comfort and safety in every daily clinical procedures.



SATELEC

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Follow-us

Newtron Booster, Newtron P5 XS, Newtron P5 XS B.Led: Dental Ultrasonic Control Console
Class IIa medical devices - CE0459 (GMED)

For professional dental use only.

Manufacturer: SATELEC® - France

Read carefully the instructions for use available on www.acteongroup.com

Updated on: 10/2023