

A grayscale photograph of a hand holding a prosthetic arm, symbolizing strength and power.

I AM
POWERFUL



IMPLANTCENTER 2
**The Perfect Alliance
of Power & Safety**



PIEZOTOME CLINICAL BENEFITS

EVIDENCE BASED CLINICAL BENEFITS*



Safety

- Selective cutting
- Preserve soft tissue



Minimal Bone Loss

- Fine and precise cut
- Minimally invasive



Comfort

- Smooth and effortless cut
- Increase tactile feel



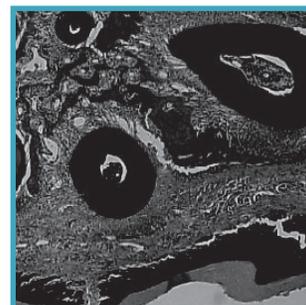
Postoperative

- Decreased pain
- Reduced edema



Optimal Visibility

- Cavitation: microbubbles releasing oxygen
- Hemostatic effect



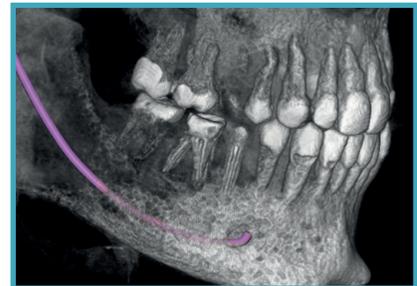
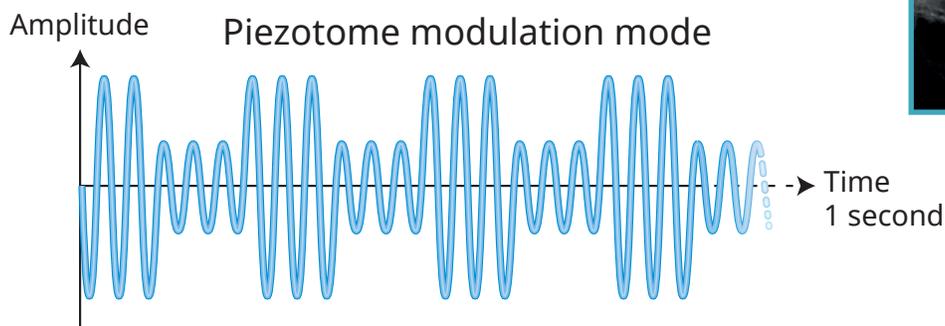
Superior Healing

- Fast recovery
- Bone densification



PROVEN TECHNOLOGY

Patented technology for better clinical results



Due to the selected frequencies ranging between 28 and 36 kHz, the tips are active on hard tissue, limiting the risk of soft tissue injury. The modulation of the piezoelectric signal (alternating between high and low intensity) enables the tissue to recover and the cells to regenerate in the best possible way.

A HIGH LEVEL OF EXPERTISE

UNIT, HANDPIECE AND TIPS WORK AS ONE

ACTEON® Piezotome® ultrasonic power generators are piloted by patented NEWTRON® electronic technology.

PRESERVATION

Soft Tissue Preservation

- Will not cut soft tissue due to patented, modulated piezo signal

Bone Preservation

- Highly precise cut with clean incision
- Linear piezoelectric vibrations
- Controlled and consistent tip amplitude

EFFICACY

Frequency Adjustment

- Maximum performance with each tip
- Large range of tip options

Power Regulation

- Constant performance levels even in dense bone
- Effortless cut with little pressure

COMFORT

For Both Patient and Practitioner

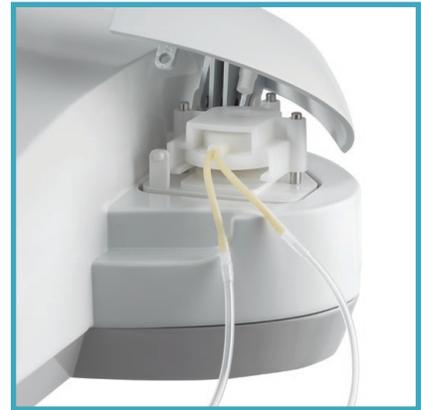
- Vibration-free handpiece
- Better tactile sense
- Reduced post-operative pain

ACTEON® MAKES THE DIFFERENCE

Unmatched performance, security and design to pave the way to more precise, faster and painless surgeries such as osteotomies, osteoplasties, sinus lift, crest splitting,

PUMP BENEFITS

- Consistent flow
- Quiet operation
- Easy insertion of the irrigation line
- Reduced risk of bone necrosis from heat



POWERFUL HANDPIECE

- 60 watts of output
- Boosted handpiece power
- No overheating



SURGICAL TIPS

- Large number of exclusive tips
- Great longevity
- Surgical steel strengthened by low friction surface treatment
- Excellent durability



ANYTHING IS POSSIBLE

THE ALLIANCE OF TECHNOLOGIES

The Implant Center™ 2 combines the most advanced ultrasonic and rotary technologies in one device, ensuring total independence in increasingly diverse clinical areas.



I-Surge LED Motor

- Durable, precise and silent
- Fully sterilizable
- Corrosion resistant

Stability

- Perfect balance between torque and speed for unmatched stability
- Sustained torque: maintains 6Ncm up to 24,000RPM
- Maximum torque at instrument end (20:1): 120Ncm
- Motor speed: 100 - 40,000RPM

Versatile

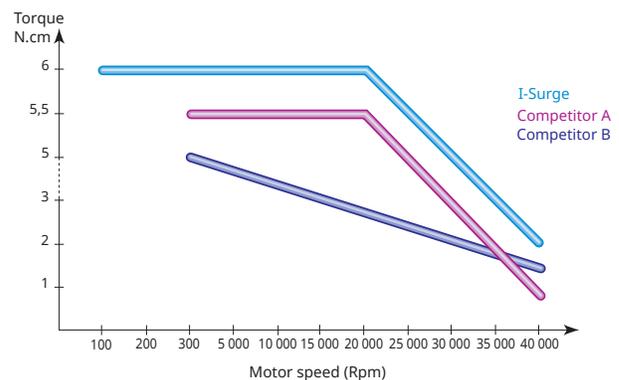
- Compatible with all light and regular contra-angles on the market (E-type – ISO 3964 connection)
- High torque and wide speed range for many applications
- Accepts implant, perio and endo contra-angles

Customizable

- Four pre-set easily customizable programs
- Intuitive settings can be quickly



PiezoTouch™: progressive power regulation in Piezotome®, I-Surge™ and NEWTRON® modes



IMPLANTCENTER 2

POWERFUL ULTRASONICS

THE ALLIANCE OF
TECHNOLOGIES FOR
POWERFUL & SECURE
BONE SURGERY



3 Modes of Operation

I-Surge™
Implant motor



Piezotome®
Pre-implant bone surgery

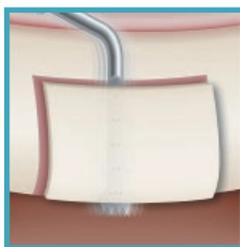


NEWTRON®
Dental tooth treatment



CLINICAL VERSATILITY

EXCLUSIVE BONE SURGERY TIPS



BS1L
Long saw (15mm) intended
for facilitating ramus grafts
ref F87527



BS1 RD
Rounded saw, Large 280°
active surface
ref F87557

DENTAL TREATMENTS

Get access to nearly 80 different tooth treatment tips, with exclusive designs, alloys and coatings for clinical versatility.

NEWTRON® Perio 2 Pack

Includes: one sterilization box, one NEWTRON LED handpiece, one NEWTRON Perio kit (H1, H2L, H2R, H3, H4L, H4R), one torque wrench ref F87520

NEWTRON® 2 Pack without Tip Kit

ref F87524



ACCESSORIES

POWERFUL ULTRASONICS

RELIABLE AND AUTOCLAVE RESISTANT

Durability comes with a good technical environment organization and an adapted cleaning, decontamination and sterilization process.

Simple Maintenance

- Handpiece can be disassembled for cleaning
- Easy access to all parts for disinfection



Irrigation System

- External to the handpiece
- 2 irrigation lines available
- Autoclavable (1 line + 10 perforators - ref F57374),
- Single use delivered sterile (set of 10 - ref F57370)
- Perforators (10 perforators - ref F57372)



Fast Assembly System

- Robust stainless steel torque wrench
- Saves precious time during surgery



MANY EXCLUSIVE TIPS

INNOVATIVE AND BROAD TIP RANGE, WITH SHAPES ADAPTED TO CLINICAL CONDITIONS



BONE SURGERY

Osteotomy/Osteoplasty

Clean and thin cut for maximal bone volume
BS1S, BS2L II, BS2R II, BS4 II, BS5 II, BS6 II tips

BS Kit: ref F87509



CREST SPLITTING

Rapid and minimally invasive technique for controlled expansion

CS1 II, CS2 II, CS3 II, CS4 II, CS5 II, CS6 II tips

CS Kit: ref F87567



PIEZOCISION™

Accelerated Orthodontic Surgery

Minimal incisions, minimally invasive
PZ1, PZ2L, PZ2R, PZ3 tips

PZ Kit: ref F87576



SINUS LIFT

Lateral Sinus Lift

Unbeatable comfort:
selective and hemostatic cut

SL1 II, SL2 II, SL3 II, SL4 II, SL5 II tips

SL Kit: ref F87519



INTRALIFT™

Crestal Sinus Lift

Minimally invasive surgery for smooth sinus floor fracture

TKW1 II, TKW2 II, TKW3 II, TKW4 II, TKW5 II tips

Intralift Kit: ref F87536



EXTRACTION

Syndesmotomy

For maximum bone preservation

LC1 II, LC2 II, LC2L II, LC2R II, Ninja™ tips

Extraction Kit: ref F87546



CROWN EXTENSION

Crown Lengthening

Incomparable precision and accessibility

BS6 II, CE1 II, CE2 II, CE3 II tips

CE Kit: ref F87554



ESSENTIAL

The 6 fundamental ACTEON® Equipment tips
BS1S, BS4 II, SL1 II, SL2 II, SL3 II, LC2 II tips

Essential Kit: ref F87528

Implant Center™ 2	
Unit functions	<ul style="list-style-type: none"> • I-Surge implant motor • Piezotome ultrasonic bone surgery • NEWTRON ultrasonic tooth treatment (optional)
Equipment	<p>Delivered with: 1 Piezotome LED handpiece and cord, 1 Extraction tip kit, 1 Easytorque wrench, 1 Autoclavable box, 1 LED micromotor, 1 Multifunction footswitch, 2 irrigation brackets, 2 handpiece supports, 2 autoclavable irrigation lines, and 30 perforators</p>
Unit dimensions (W x H x D and weight)	473 x 150 x 340mm 5kg



Supply voltage100 VAC – 230 VAC – 50 Hz / 60 Hz
 Equipment classificationClass I, BF type
 Ultrasonic frequency28 KHz to 36 KHz
 Multi-function footswitch dimensions311 x 181 x 209 mm ; 3.5 Kg

Peristaltic pump flow rate:
 Piezotome & I-Surge mode10 to 120 ml/min
 NEWTRON mode10 to 40 ml/min



Join our Piezotome® training sessions and workshops for a hands-on experience with these devices. Visit acteongroup.com/us/events to find a Piezotome® course in your area, or contact us at info@acteonusa.com to learn more.

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