I AM POWERFUL

Implant Center™ 2

The Perfect Alliance of Power & Safety

Implant Center™ 2 functions:
- I-Surge implant motor
- Piezotome ultrasonic bone surgery
- NEWTRON ultrasonic tooth treatment (optional)

Equipment 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

Unit dimensions (W x H x D and weight):
- 473 x 150 x 340mm
- 5kg
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.
ACTEON® Piezotome® ultrasonic power generators are piloted by patented NEWTRON® electronic technology.

### 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

### 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

### 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
THE ALLIANCE OF TECHNOLOGIES FOR POWERFUL & SECURE BONE SURGERY

IMPLANTCENTER 2
POWERFUL ULTRASONICS

3 Modes of Operation

**I-Surge™**
Implant motor

**Piezotome®**
Pre-implant bone surgery

**NEWTRON®**
Dental tooth treatment
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
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*

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**EXTRACTION**
Syndesmotomy
For maximum bone preservation
LC1 II, LC2 II, LC2L II, LC2R II, Ninja™ tips

*Extraction Kit: ref F87546*

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**CROWN EXTENSION**
Crown Lengthening
Incomparable precision and accessibility
BS6 II, CE1 II, CE2 II, CE3 II tips

*CE Kit: ref F87554*

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**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

• I-Surge implant motor
• Piezotome ultrasonic bone surgery
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Equipment

Unit dimensions (W x H x D and weight)

473 x 150 x 340mm
5kg

Supply voltage ................................................100 VAC – 230 VAC – 50 Hz / 60 Hz
Equipment classification ..............................................Class I, BF type
Ultrasonic frequency ...................................................28 KHz to 36 KHz
Multi-function footswitch dimensions .................311 x 181 x 209 mm ; 3.5 Kg

Peristaltic pump flow rate:
Piezotome & I-Surge mode ..............................................10 to 120 ml/min
NEWTRON mode ...................................................10 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.