EFFICIENT SURGICAL TIPS, GUARANTEE OF QUALITY

An approach supported by R&D, many partnerships with clinicians, universities and international laboratories enable us to develop a unique expertise and worldwide recognized innovative clinics.

COMBINE ROBUSTNESS AND PRECISION

ACTEON® surgical tips are made of a medical grade steel. Valued for their durability and shapes adapted to each anatomical context, they fully meet the requirements of the surgical environment.

Innovative and reliable, they are:
- Designed using high-tech CAD software,
- Manufactured at the ACTEON® headquarters in Mérignac (Bordeaux, France) on high-precision equipment,
- Strengthened by specific heat and surface treatment processes,
- Tested to measure its efficiency, spray and acoustic performance.

CLINICAL BENEFITS

The benefits of Piezotome® power ultrasonic applied to the surgical field have been widely demonstrated by numerous clinical studies*:

- Safety cut
- Gain of bone volume
- Optimal visibility
- Superior healing
- Reduced post-operative pain
- Comfort for both patient and practitioner

Only our industrial procedures and stringent quality control can guarantee perfect tip adaptation on our ultrasonic generators. The electronics module, the handpiece and the tip are designed to interact in harmony and deliver optimum performance for you and your patients.

Important*: Surgical tips designed for Piezotome® Solo, Piezotome® 2 and Implant Center™ 2 cannot be used with Piezotome, Implant Center and vice versa.

The most complete, efficient & secure range

THE MOST COMPLETE, EFFICIENT & SECURE RANGE

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THE MOST COMPLETE, EFFICIENT & SECURE RANGE

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RECOMMENDED SETTINGS

IMPORTANT*: Surgical tips designed for Piezotome® Solo, Piezotome® 2 and Implant Center™ 2 cannot be used with Piezotome, Implant Center and vice versa.

- Black reference (generation II):
  - Piezotome® Solo (LED),
  - Piezotome® 2,
  - Implant Center™ 2

- Blue reference:
  - Piezotome®
  - Implant Center™

* Compendium PIEZO ULTRASONIC SURGERY
  - Piezotome Clinical Booklet
COMPLETE, EFFICIENT AND SECURE RANGE

OSTEOTOMY/OSTEoplasty
Clean and thin cut for maximal bone volume

CREST SPLITTING
Rapid and minimally invasive technique for controlled expansion

ACCELERATED ORTHODONTIC SURGERY
Micro-incisions to ease orthodontic tooth movement

SYNDESMOTOMY
For maximum bone preservation

LATERAL SINUS LIFT
Unbeatable comfort: selective and haemostatic cut

CRESTAL SINUS LIFT
Minimally invasive surgery for smooth sinus floor fracture

CROWN EXTENSION
Incomparable precision and accessibility

THE ESSENTIAL
The 6 fundamental ACTEON® Equipment tips
Bone Surgery Kit: Osteotomy / Osteoplasty

Performing bone graft, allows cutting, excising and remodeling bone structures reducing the risk of soft tissue lesions.

**BONE HARVESTING**

BS1S (Slim)
9mm saw intended for the in-depth cutting of very dense cortical bones.

BS2L
Left-oriented bone saw used for cutting the ramus cortical bone.

BS4
Circular scalpel for osteoplasty and harvesting of bone particles or chips.

BS5
Flat scalpel for fine osteotomies.

BS6
Curved scalpel particularly recommended for osteoplasty.

**OSTEOTOMY**

CS1
Fine tip dedicated to pilot osteotomy up to 8mm of depth.

CS2
Tip dedicated to the second osteotomy up to 8mm of depth.

CS3
Scalpel used for the discharges incisions in mesial and distal sides, up to 8mm of depth.

**OSTEOPLASTY**

CS4
Conical tip for bone expansion. Tip thickness: 1.80mm at 8mm.

CS5
Conical tip for bone expansion. Tip thickness: 2.75mm at 8mm.

CS6
Conical tip for bone expansion. Tip thickness: 3.75mm at 8mm.

**EXPANSION**

CS Kit:
F87567: CS1, CS2, CS3, CS4, CS5, CS6

CS Pack:
F87560: A CS kit, a sterilization box, a Piezotome® LED handpiece, a dynamometric wrench

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Crest Splitting Kit

The increasing tips thickness allows a smooth crest expansion limiting the risk of bone fracture.

**BONE HARVESTING**

BS1S (Slim)
9mm saw intended for the in-depth cutting of very dense cortical bones.

BS2L
Left-oriented bone saw used for cutting the ramus cortical bone.

BS4
Circular scalpel for osteoplasty and harvesting of bone particles or chips.

BS5
Flat scalpel for fine osteotomies.

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Conical tip for bone expansion. Tip thickness: 1.80mm at 8mm.

CS5
Conical tip for bone expansion. Tip thickness: 2.75mm at 8mm.

CS6
Conical tip for bone expansion. Tip thickness: 3.75mm at 8mm.

**EXPANSION**

CS Kit:
F87567: CS1, CS2, CS3, CS4, CS5, CS6

CS Pack:
F87560: A CS kit, a sterilization box, a Piezotome® LED handpiece, a dynamometric wrench
FOR AN UNMATCHED VISIBILITY

Sinus Lift Kit

Lateral Sinus Lift: a thin cut performed without effort, limiting any risk of sinus membrane perforation or antral artery damage. The elevation is performed by keeping a permanent contact between the membrane and the bone lining.

VESTIBULAR BONE WINDOW CUT

SL1
Diamond-coated tip for vestibular bone window cut and for attenuation of sharp angles.

MEMBRANE DETACHMENT

SL2
Diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty.

SL3
Plateau tip served for sinus membrane elevation on the window’s edge.

SL4
Spatula served for sinus membrane elevation inside the sinus.

SL5
Spatula used for sinus membrane elevation inside the sinus and for disengagement of anatomical structures.

Intralift™ Kit

Sinus lift by the crestal approach: the Intralift Kit makes it possible to perform non invasive surgery in full safety.

PILOT DRILLING

TKW1
Conical and diamond-coated tip for pilot drilling in very dense cortical bone (Ø 1.35mm).

SECONDARY DRILLING

TKW2
Cylindrical and diamond-coated tip dedicated for drilling and fracturing the sinus floor (Ø 2.1mm).

TKW3
Cylindrical tip dedicated to drill and widen the access canal to sinus membrane (Ø 2.35mm).

TKW4
Cylindrical and diamond-coated tip intended for the receptacle preparation and widening the access canal to the sinus membrane (Ø 2.8mm).

MEMBRANE ELEVATION

TKW5
Tip Ø 3mm to be placed in the receptacle preparation for sinus membrane elevation by crestal approach.

TKW6
Tip Ø 4.2mm for sinus membrane elevation recommended for combined techniques.

SL Kit:

F87511: SL1 II, SL2 II, SL3 II, SL4 II, SL5 II
F87512: SL1 II, SL2 II, SL3 II, SL4 II, SL5 II

SL Pack:

F87510: A SL II Kit, a sterilization box, a Piezotome® LED handpiece, a dynamometric wrench

Intralift™ Kit:

F87536: TKW1 II, TKW2 II, TKW3 II, TKW4 II, TKW5 II
F87537: TKW1 II, TKW2 II, TKW3 II, TKW4 II, TKW5 II

Intralift™ Pack:

F87530: A Intralift™ II Kit, a sterilization box, a Piezotome® LED handpiece, a dynamometric wrench
Piezocision™ Kit: Accelerated Orthodontic Surgery

Piezocision™ technique is the combination of:
- micro-surgical incisions performed with Piezotome® powered ultrasonic generators, by ACTEON® Equipment,
- bone densification,
- orthodontic tooth movement.

INDICATIONS
- Class 1 malocclusions with moderate to severe crowding (non-extraction)
- Correction of deep bite
- Selected class II malocclusions
- Rapid adult orthodontic treatment
- Rapid intrusion and extrusion of teeth

PIEZOCISION™ KIT: F87576: PZ1, PZ2L, PZ2R, PZ3

Extraction Kit

Widening the ligamentary space. LC tips separate the tooth from its attachment system for a rapid extraction, with less luxation, keeping intact the alveolar bone edge. Surgeries: extraction of wisdom teeth, fractured roots, impacted teeth, etc.

SYNDESMOTOMY: ANTERIOR AREA
LC1
Ultrasonic perirotome intended for syndesmotomy and periodontal osteotomy.

LC2
Tip, particularly slim, allows access to the tight spaces between the root and the alveolar bone.

SYNDESMOTOMY: POSTERIOR AREA
LC1-90°
Periotome facilitates widening of the periodontal space in the interproximal, lingual and distal areas of molars.

LC2L
Left-oriented at 45° tip facilitates access to the posterior areas.

LC2R
Right-oriented at 45° tip facilitates access to the posterior areas.

ROOT SECTION
Ninja®
Saw-tooth tip particularly efficient for hemisections and root amputations.

Piezocision™ Kit: F87576: PZ1, PZ2L, PZ2R, PZ3

Extraction Kit:
F87546: LC1 II, LC1-90° II, LC2 II, LC2L II, LC2R II, Ninja® II
F87540: LC1, LC1-90°, LC2, LC2L, LC2R, Ninja®

Extraction Pack:
F87540: An Extraction II kit, a sterilization box, a Piezotome® LED handpiece, a dynamometric wrench
F87546: An Extraction II kit, a sterilization box, a Piezotome® handpiece, a dynamometric wrench
Crown Extension Kit

*Completely innocuous to the gingiva guaranteeing the integrity of bone and adjacent teeth.*

**OSTEOPLASTY**

**BS6**
Curved scalpel particularly effective for substantial osseous reshaping.

**CE1**
Diamond-coated spherical tip (Ø 1.75mm) designed for osteoplasty in oral and palatal zones.

**CE2**
Diamond-coated spherical tip (Ø 1.20mm) designed for osteoplasty in interproximal zones.

**OSTEOTOMY**

**CE3**
For a fast restoration of the biologic width (laser mark placed at 3mm).

Used perpendicularly or parallel to the bone, this tip is designed for ostectomies of the tooth-supporting bone in interproximal and oral (vestibular) and palatal periapical zones.

**ESSENTIAL KIT**

**BS1S (Slim)**
9mm saw intended for the in-depth cutting of very dense cortical bones.

**BS4**
Circular scalpel for osteoplasty and harvesting of bone particles or chips.

**LC2**
Tips, particularly slim, allows access to the tight spaces between the root and the alveolar bone.

**LATERAL SINUS LIFT**

**SL1**
Diamond-coated tip for vestibular window cut and for attenuation of sharp angles.

**SL2**
Diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty.

**SL3**
Plateau tip served for sinus membrane elevation on the window’s edges.

**EXTRACTION**

**LC2**
Tip, particularly slim, allows access to the tight spaces between the root and the alveolar bone.
# RECOMMENDED SETTINGS

## TIPS

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*Not applicable to Piezotome® SOLO (LED)