

Ultrasonic Bone Surgery

CARING PEOPLE. IMPROVING LIVES

M+ Catalog



Content

About us	04
Ultrasonic Bone Surgery	08



About us

“Today we are innovating because tomorrow we could be the patient”: it is in this spirit that the ACTEON® medical team works constantly to develop its products.

Technology should have only one purpose: to help us live better. This is why we base our approach on the greatest respect of patients and their safety.

*“ Inspired by the practitioners,
dedicated to their patients. ”*



our vision

our mission

We believe healthcare is first and foremost about quality of life. Medical treatments are more than just procedures, they restore health, comfort, confidence and happiness and improves life of millions of patients every year. Our vision is to pave the way of a more human-centered healthcare industry based on proactive lifetime care.

To remain at the top of their game and focus on what matters most, healthcare professionals trust integrated solutions that empower them and improve their practices on a daily basis. We provide comprehensive, intuitive workflow solutions that put technology at the service of people and help healthcare professionals restore patients' health effectively, efficiently, and economically.



Ultrasonic Bone Surgery

Piezotome® solo m+	10
Device	10
Footswitch & Handpiece	11
Clinical kits	12
Rhinoplasty tips «Essential»	14
Rhinoplasty tips «Expert»	15
Rhinoplasty tips «Preservation»	16
CMF tips «Essential»	17
All tips	18
Osteotomy tips	18
Osteoplasty tips	20
Bone remodeling / Drilling tips	21
Membrane detachment tips	22
Tip measuring guide	23
Additional products	24

Piezotome® solo m+ Device



Reference	Description
F57850	Piezotome® Solo M+ CEE
F57853	Piezotome® Solo M+ AUS
F57856	Piezotome® Solo M+ US
F57859	Piezotome® Solo M+ UK

- Medical device of class IIb - CE 0459 according to Medical Device Directive 93/42/EEC
- Manufacturer: SATELEC, a company of ACTEON® Group

SPECIFICATION OF THE DEVICE

F57850 / F57853 / F57856 / F57859

- Dimensions (W x H x D): 378 x 136 x 306mm
- With brackets: 378 x 460 x 306mm
- Weight: 3700 g
- Screen dimensions (W x H): 115 x 86 mm
- LCD black & white screen
- 4 power modes
- 4 programmable buttons
- Irrigation flow rate: 0 to 120 ml/min
- Reset to manufacturer settings
- Supply voltage: 100 - 230 VAC
- Power supply frequency: 50 Hz / 60 Hz
- Power consumption: 150 VA to 230 VAC
- No-load voltage: 250 V
- Minimum output frequency: 28 kHz
- Amplitude: 20 to 200 µm
- Internal fuse not accessible to the user: 1 fuse - F1: 5mm x 20mm - 10 AT / 250 VAC
- Fuse (mains connector): 2 fuses - 5mm x 20mm - 2 AT for 100 to 230 VA

Piezotome® solo m+ Handpiece & Footswitch



Reference	Description
F12860	Piezotome® M+ handpiece

- Medical device of class IIb - CE 0459 according to Medical Device Directive 93/42/EEC
- Manufacturer: SATELEC, a company of ACTEON® Group

SPECIFICATION OF THE PIEZOTOME® M+ HANDPIECE

F12860

- Dimensions (L): 130 mm
- Weight: 100 g
- With cord: 265 g
- Cord length: 2900mm
- 6 ceramic rings
- Cold LED light (power): 100 000 LUX



Reference	Description
F57851	Piezotome® Solo M+ footswitch

SPECIFICATION OF PIEZOTOME® SOLO M+ FOOTSWITCH

F57851

- Cord length: 2900mm
- Dimensions (W x H x D): 173 x 140 x 176mm
- Weight: 1000 g
- Light: remains active approx. 9 secs after the footswitch is released
- Multifunction footswitch:
 - Power modes
 - ON/OFF ultrasound
- Protection rating: IPX6

Clinical kits

Introduction

INTENDED USE

M+ tips can be used for osteotomy, osteoplasty, decortication, drilling, shaping and smoothing of teeth and bone in various surgical procedures, including but not limited to general, orthopaedic, otolaryngological, maxillofacial, oral, hand and foot, neurosurgery, spinal and plastic/reconstructive surgeries.

SPECIFICATION OF REUSABLE NON-STERILE TIPS

- Non-sterile tips can be used up to 5 times
- Refer to cleaning, disinfection and sterilization protocols for SATELEC® tips



REGULATORY & ENVIRONMENT

- Class IIb according to the European Directive 93/42/EEC
- Designed and manufactured in accordance with an EN ISO 13485-certified quality assurance system
- Documentation complies with European regulation No.207/2012
- Manufacturer: SATELEC®, a company of ACTEON® Group (France)



Developed in collaboration with Dr Olivier GERBAULT

Clinical kits

rhinoplasty Gerbault essential



Reference	Description
F87681	Rhinoplasty kit "Essential" non-sterile 6 tips - 5 times reusable

Metallic support included



Reference	F87686	F87687	F87679	F87677	F87678	F87680
Length (mm)	33.7	33.7	34	30	30	27
Offset (mm)	11	11	11	10	10	17
Width (mm)	3.5	3.5	2.6	5	5	•
Thickness (mm)	1.3	0.9	0.5	0.6	0.6	0.5

Developed in collaboration with Dr Olivier GERBAULT

Clinical kits

rhinoplasty Gerbault expert



Reference	Description
F87689	Rhinoplasty kit "Expert" non-sterile 9 tips - 5 times reusable

Metallic support included



Reference	F87688	F87686	F87687	F87677	F87678
Length (mm)	28	33.7	33.7	30	30
Offset (mm)	12.2	11	11	10	10
Width (mm)	3.5	3.5	3.5	5	5
Thickness (mm)	0.55	1.3	0.9	0.6	0.6



Reference	F87683	F87682	F87679	F87680
Length (mm)	31.5	31.5	34	27
Offset (mm)	9.5	9.5	11	17
Width (mm)	2.6	2.6	2.6	•
Thickness (mm)	0.5	0.5	0.5	0.5

Developed in collaboration with Dr Olivier GERBAULT

Clinical kits

Rhinoplasty long tips



RHL4L** **RHL4R**** **RHL5**** **RHL6**** **RHL2****

Reference	F87692	F87691	F87684	F87693	F87694
Length (mm)	91.7	91.7	59.6	101.4	61
Offset (mm)	9.7	9.7	14.6	9.7	12.5
Width (mm)	2.6	2.6	5.1	5	4
Thickness (mm)	0.4	0.4	0.6	0.6	1.1

Clinical kits

cmf essential



Reference	Description
F57803	CMF kit non-sterile 6 tips - 5 times reusable

Metallic support included



BS1L **BS2L XL** **BS2R XL** **BS1RD** **SL1** **BS4**

Reference	F87612	F87605	F87606	F87608	F87618	F87615
Length (mm)	31	39.5	39.5	38.9	33	31
Offset (mm)	22	30	30	12.3	11	12.6
Width (mm)	4	4	4	5	2.6	4
Thickness (mm)	0.6	0.8	0.8	0.6	0.3	0.7

**Please contact us to find out the availability of the product in your country

All tips

Osteotomy tips



BS1S **BS1RD** **BS1L** **BS2L** **BS2R**

Reference	F87611	F87608	F87612	F87613	F87614
Length (mm)	28.2	38.9	31	28	28
Offset (mm)	15	12.3	22	9.35	9.35
Width (mm)	4	5	4	4	4
Thickness (mm)	0.6	0.6	0.6	0.65	0.65



BS2L XL **BS2R XL** **BS5** **RHS3L** **RHS3R**

Reference	F87605	F87606	F87616	F87677	F87678
Length (mm)	39.5	39.5	33.8	30	30
Offset (mm)	30	30	11.1	10	10
Width (mm)	4	4	2.6	5	5
Thickness (mm)	0.8	0.8	0.5	0.6	0.6



BS1 XXL **RHL4L**** **RHL4R**** **RHL5**** **RHL6****

Reference	F87602	F87692	F87691	F87684	F87693
Length (mm)	104	91.7	91.7	59.6	101.4
Offset (mm)	15	9.7	9.7	14.6	9.7
Width (mm)	4	2.6	2.6	5.1	5
Thickness (mm)	0.6	0.4	0.4	0.6	0.6



RHS4L **RHS4R** **RHS5** **NINJA** **LC1 XL** **SL1** **CS1**

Reference	F87683	F87682	F87679	F87628	F87607	F87618	F87629
Length (mm)	31.5	31.5	34	26.4	32.1	33	29.8
Offset (mm)	9.5	9.5	11	15.2	21.5	11	17.8
Width (mm)	2.6	2.6	2.6	2.6	1.2	2.6	4
Thickness (mm)	0.5	0.5	0.5	0.6	0.7	0.3	0.5

**Please contact us to find out the availability of the product in your country

All tips

Osteoplasty tips



BS4 **BS6** **RHS1** **RHS2Hb** **RHS2Fb**

Reference	F87615	F87617	F87688	F87686	F87687
Length (mm)	31	28	28	33.7	33.7
Offset (mm)	12.6	11.9	12.2	11	11
Width (mm)	4	3.5	3.5	3.5	3.5
Thickness (mm)	0.7	0.55	0.55	1.3	0.9



BS6 XXL

Reference	F87604
Length (mm)	103
Offset (mm)	12.2
Width (mm)	3.5
Thickness (mm)	0.55



RHL2**

Reference	F87694
Length (mm)	61
Offset (mm)	12.5
Width (mm)	4
Thickness (mm)	1.1

**Please contact us to find out the availability of the product in your country

All tips

Bone remodeling / Drilling tips



CE3 **DB1** **DB2** **RHS6** **SL2**

Reference	F87653	F87610	F87609	F87680	F87619
Length (mm)	29.8	27	30.7	27	28
Offset (mm)	10.2	17	20.1	17	14
Width (mm)	•	•	•	•	•
Thickness (mm)	0.85	0.6	2.3	0.5	1.5

All tips

Membrane detachment tips



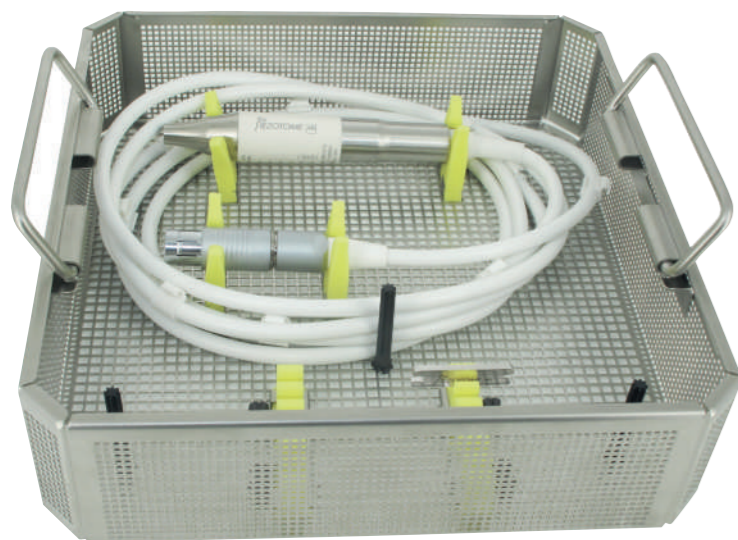
	SL3	SL4	SL5
Reference	F87620	F87621	F87622
Length (mm)	31	29.1	30.9
Offset (mm)	12	10.2	11.1
Width (mm)	5	4	4
Thickness (mm)	0.4	0.65	0.65



Tip measuring guide

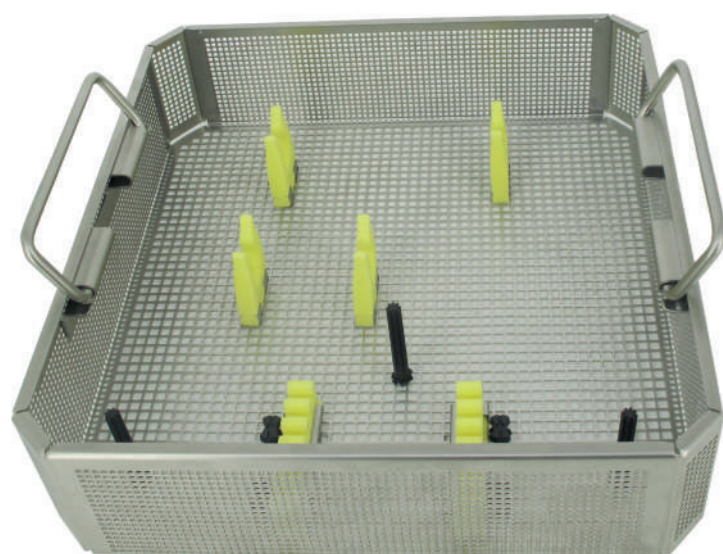
	Length (a)	Offset (b)	Width (c)	Thickness (d)
Osteotomy				
Osteoplasty				
Bone remodeling / Drilling				
Membrane detachment				

Additional products



Reference	Description
F57802	Autoclavable metallic cassette, Piezotome® M+ LED handpiece, 3m cord, M+ wrench

- Medical device of class IIb - CE 0459 according to Medical Device Directive 93/42/EEC
- Manufacturer: SATELEC, a company of ACTEON® Group



Reference	Description
E27157	Autoclavable M+ metallic empty cassette

Not a Medical Device

Reference	Description
F59926	Set of 1 disposable sterile line With clips and perforators
F59925	Set of 5 disposable sterile lines With clips and perforators

Accessories of Medical Device, Class Is as per Medical Device Directive 93/42/EEC



Additional products



Reference	Description
F88474	Tips metallic support M+ 10 slots Without tip and marking

Not a Medical Device



Reference	Description
F88445	Tips metallic support M+ 6 slots Without tip and marking

Not a Medical Device



Reference	Description
F00398	M+ Flat key

Not a Medical Device

Additional products



Reference	Description
E27113	Bracket M+

Component of Class IIb Medical Device as per Medical Device Directive 93/42/EEC



Reference	Description
F87903	M+ Protective sleeve For extra long tips (XXL)

Not for sale in the US



Reference	Description
E00052	Rhinoplasty model - Density 1

Not a Medical Device

Additional products



Reference	Description
E12813	Nose cone for Piezotome® M+ handpiece

Spare parts of Medical Device



Reference	Description
E12812	Light guide for Piezotome® M+ handpiece

Spare parts of Medical Device



Reference	Description
F12821	LED Ring M+

Spare parts of Medical Device



 **SATELEC**

A company of ACTEON® Group

17 Av. Gustave Eiffel,
ZI Phare
33700 Mérignac
France

acteonmed@acteongroup.com

Follow-us

