

SURGYBONE

A NEW GENERATION IN ULTRASOUND SURGERY

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silfradent

MEDICAL LINE

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SURGYBONE

A METHODOLOGY FOR OSTEOIMPLANT SURGERY

Technology based on ultrasound frequencies that permits highly precise osteotomies, with a constant control of both incision depth and length.

Wide liquid crystal display to visualize the data set. Direct push-button control for precise and prompt setting. Power regulation according to different insert tips (sharp, blunt, smoothing, endodontic).

Maximum cutting precision, free of damage for soft tissues, avoiding overheating necrosis. Regulation of VIBRA function, with PERCUSSION action and selective cutting.

THE GUARANTEE OF OUR PRODUCTS

Silfradent, with its 30 years of experience, manufactures products in compliance with the European regulations.



CSQ ISO 9001:2000 ISO 13485:2003 EN 48001 IMQ 877/MD8

CE 0051

SURGYBONE



WHAT WE GUARANTEE:

TWO-YEAR GUARANTEE ON ELECTRONIC
AND MECHANIC COMPONENTS OF THE MACHINE
GUIDED INSTALLATION OF THE MACHINE WITH THE USER DVD
SUBSTITUTE MACHINE ON DEMAND
CUSTOMER CARE DIRECT LINE
TRAINING SERVICE

SILFRADENT PROVIDES FREE TRAINING COURSES
TO IMPROVE THE LEARNING PROCESS OF THE PRODUCT.

For info: info@silfradent.com



EXTRACTION
APICECTOMY
BONE HARVESTING
RIDGE EXPANSION
SINUS LIFT
OSTEOPLASY, OSTEOTOMY
IMPLANT SITE PREPARATION
TOOTH PREPARATION AND ROOT PLANNING
ORTHODONTIC SURGERY

TOTAL SAFETY, EASY CONTROL,
EXTREME PRECISION TO INCREASE QUALITY IN BONE SURGERY

TECHNICAL DATA AND ACCESSORIES

TECHNICAL DATA

Power source:	230 V - 50/60 Hz
Nominal power consumption:	170 VA
Maximum vibration:	200 micron
Hand piece cable length:	2000 mm
Ultrasound frequency	25÷35 KHz
Footswitch:	pneumatic
Hydraulic circuit capacity:	0 - 50 ml/min
Weight:	4,9 Kg
Dimensions:	LxDxH 270x235x170 mm

STANDARD EQUIPMENT

- 1) High power handpiece with internal spray
- 2) Pump with easy insertion of the irrigation set
- 3) Dynamometric wrench
- 4) Pneumatic footswitch
- 5) Surgical tray
- 6) Kit with 6 insert tips (5 sharp, 1 smoothing)



SURGYBONE

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SURGICAL HANDPIECE



MICROMETRIC CUTTING

SELECTIVE CUTTING

CAVITATION EFFECT

MINIMUM TISSUE OVERHEATING

HIGH VISIBILITY IN THE OPERATING ROOM

PROTECTION OF SOFT TISSUES

REDUCTION OF PAIN

EARLY REHABILITATION



SURGYBONE SURGICAL HANDPIECE

SURGYBONE OUR RESEARCH IS JUST THE RESULT OF YOUR SUGGESTIONS

A product can be developed and improved just through the experience derived from practice. Silfradent Medical Line believes in the satisfaction of users' needs. For this reason and in order to guarantee a better service, we listen to your suggestions, offering the possibility to manufacture personalized insert tips on demand. For further information, please contact info@silfradent.com.



HIGH YIELD CERAMIC DISKS

EXTERNAL IRRIGATION SET

LIGHT AND NOISELESS

MANUFACTURED IN TESTED MATERIAL FOR MORE THAN 20.000 STERILIZATION CYCLES



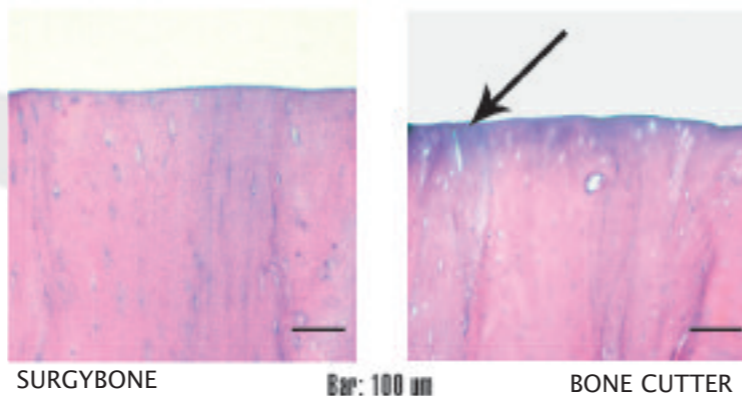
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EASY AND INTUITIVE REGULATION

INSERT TIPS

Silfradent insert tips are made in AISI 420 B steel, with profile visualizer to check vibration width and are subject to thermographic camera to test cutting invasivity. Such procedures grant high precision and cutting ability to Silfradent insert tips. Guaranteeing an accurate control on heat, they considerably reduce necrosis on bone tissues compared with traditional devices.

HISTOLOGICAL REPORTS HIGHLIGHT SURGYBONE IMPROVING CHARACTERISTICS COMPARED WITH TRADITIONAL BONE CUTTERS.



COURTESY OF PROFESSOR A. BARUFFALDI



Pwr Ult

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▼

Up Down

UP/DOWN - Increases (UP) and decreases (DOWN) ultrasound power

Vibra

▲

▼

Up Down

UP/DOWN - Increases (UP) and decreases (DOWN) the intermittence of ultrasound vibration

Water

▲

▼

Up Down

UP/DOWN - Increases (UP) and decreases (DOWN) the percentage of refrigerant's flow from 0 up to 100%



SURGYBONE

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BEING UP-TO-DATE MEANS MAKING TOMORROW'S DREAMS COME TRUE TODAY...

Surgybone aims at satisfying doctors' everyday needs, including the need to exploit room space at best. Thanks to its extreme versatility, selecting the ENDOS programme, the machine can be turned into a highly performing ultrasound equipment. User-friendly, always ready for use, Surgybone exploits piezoelectric technology at 360° with a single handpiece.

A SINGLE HANDPIECE FOR ALL NEEDS

ABLATION

PERIODONTOLOGY

ROOT CANAL IRRIGATION

ENDODONTICS

