

Woodpecker Ultrasurgery Piezosurgery Unit

Ultrasurgery Woodpecker piezosurgery unit, 3 programmes, blue LED display, 2 handpieces and 14 tips included

Available

SKU: PSR1000

Categories: Piezoelectric Surgery Units



Description

Woodpecker Ultrasurgery Piezosurgery Unit is the latest generation piezoelectric device intended for oral bone surgery, specifically for:

- **osteotomy and osteoplasty techniques;**
- **implantology;**
- **periodontal surgery;**
- **orthodontic surgery;**
- **endodontic surgery;**
- **maxillofacial surgery.**

Thanks to the electronically controlled ultrasonic vibrations, it allows to make cuts with great precision and safety without injecting soft tissues, without causing necrosis or an excess of temperature on the cutting surfaces. This unit is characterized by:

- micrometric cutting for maximum surgical accuracy and intraoperative sensitivity;
- selective cutting for the total safety of soft tissues;
- the cavitation effect with constant irrigation that guarantees total intraoperative visibility.

The ergonomic and small handpiece ensures perfect visibility of the intervention area. Thanks to the wide range of devices provided, it will be possible to carry out any clinical application immediately.

Compact and small in size, the UltraSurgery piezosurgery unit can be placed anywhere in the practice, without encumbrances, and Nonslip rubber feet under the control unit ensure stability during clinical application.

Ergonomic and lightweight handle of the handpiece allows a secure and comfortable grip while cushioning the vibrations perceived during treatments, and the small size allows for greater accessibility to the most



difficult to reach areas.

Smooth surface prevents the accumulation of germs, facilitating cleaning and sterilization in an autoclave at 135°C. The handpiece with cord is compatible with Mectron® devices.

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Technical features Woodpecker Ultrasurgery Piezosurgery Unit:

Number of programs	3
Ultrasound frequency	24~29,5 KHz
Power Supply	220/240VAC – 50/60Hz
Output power (W)	3 ~ 20
Transducer type	Capacitive
Display	Led color blue
Modes of movement of the tip	Back and forth (vibration)
Peristaltic pump flow rate (ml/min)	25~110
Fit-back function (self-regulation of power)	•
Protection alarms	•
Control unit size (lxdxh mm)	330 x 254 x 167
Control unit weight (Kg)	3,8



Handpiece size (ø x l mm)	20x150
Handpiece weight (g)	117
Autoclavable handpiece	•
Number of Devices supplied	14
Warranty (months)	24