



CLINICAL ADVANTAGES

When it comes to cutting bone, you can of course use traditional burs and saws. They do cut bone, too – but they do not differentiate: any soft tissue getting in their way will also be cut.

The special ultrasonic microvibrations of the original PIEZOSURGERY® technique cut bone – and nothing else. No soft tissue is damaged, which allows you to work with a precision that facilitates not only surgery itself, but reduces postoperative discomfort for your patients at the same time.

Micrometric cuts

PIEZOSURGERY® provides micrometric cuts for minimally invasive surgeries with maximum surgical precision and intra-operative tactile sensation.

Selective cuts

Selective cuts protects any kind of soft tissue. Nerves, vessels and membranes will not be injured while cutting bone. Thus PIEZOSURGERY® offers maximum safety for surgeons and patients.

Cavitation effect

PIEZOSURGERY® offers maximum intra-operative visibility. The cavitation effect of the ultrasonic movements lead to a blood-free surgical site.

TECHNICAL SPECIFICATIONS

Device compliant to Dir. 93/42/CEE:	Class II a
Classification as per EN 60601-1:	I Applied part type B (handpiece, insert) IP 20 (device) IP X8 (foot pedal)
Device for intermittent operation:	60sec. ON - 30sec. OFF with irrigation 30sec. ON - 120sec. OFF without irrigation (ENDO,PERIO)
Power supply voltage:	100-240 Vac 50/60 Hz
Max. power absorbed:	120 VA



Fuses:	Type 5 x 20 mm T 2AL, 250V
Operating frequency:	Automatic scan From 24 KHz to 36 KHz
Power types:	ENDO PERIO SPECIAL CANCELLOUS CORTICAL IMPLANT

Peristaltic pump capacity: *Adjustable on the touch screen:*
 ENDO / PERIO - 7 flow levels: from 0 to 6 (from 0 to approximately 75ml/min)
 SPECIAL / CANCELLOUS / CORTICAL / IMPLANT
 6 capacity levels: from 1 to 6 (from 8 to approximately 75ml/min)



function

- implant
- cortical
- cancellous
- special
- perio
- endo

irrigation

- 6
- 5
- 4
- 3
- 2
- 1
- 0

pump/flush

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