

Superior implantology unit for reconstructive and maxillofacial surgery that is available with an assortment of drills, microsaws and contra angles

The powerful, user-friendly DRE OS-200 Surgical Drill and Microsaw System is designed for general oral surgery, implantology, and many micro-surgery procedures. Its brushless electronic motor system is microprocessor-controlled for maximum microsurgery versatility. It is available with a variety of essential surgery drills, surgery saws, contra angles and more.

- Use a single contra angle (reduction 32:1) for all working facets of implant surgery
- Torque controller and safety overload protection are built into the high torque feature
- 10 pre-selectable torque levels: 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 Ncm
- Footcontrol IP68 lets you use the device in an operating theatre
- Each electronic motor has three pre-selectable programs
- Two motor jacks
- Immediate stop-function
- RS-232 interface for printer
- Very quiet peristaltic pump
- Adjustable speed control
- Set up all functions quickly
- Reverse mode with an alarm buzzer
- Fixed pre-set speed keys

Technical Specifications

- Voltage: Switchable, 115V/60 Hz, 230V/50 Hz
- Power: 160 W
- Drive System: Electronic-Motor (brushless)
- Speed Range: 500 – 40,000 rpm
- Motor Torque: 10 Ncm
- Handpiece Torque: 10 - 55 Ncm
- Fluid flow rate: 15 - 100 ml/min
- Dimensions (W x D x H): 135 x 285 x 260 mm
- Control unit weight: 6 kg



No. 4123 Trolley
Movable stand with anti-static wheels, drawer and holding brake



No. 1031 Suitcase
For ambulant treatment



No. 1871 Footpedal
IP 68 can be used in operation theatre



No. 4220 Vacuson 40 U
Surgery pump with suction bottle, sterilizable max. 134°C / 274°F



No. 2064 Electronic motor:

With continuous high-torque, standard E-Type-adaptor for E-Type contra angles and handpieces, autoclavable motor-speed: 500 - 40,000 rpm



Contra-Angles:

Reduction-ranges with internal and external irrigation

No. 5050 = 1:1 500 - 40,000 rpm

No. 5060 = 16:1 30 - 2,500 rpm

No. 5054 = 32:1 15 - 1,250 rpm



No. 5010 Contra Angle for Surgery Wires:

E-Type Contra Angle for Surgery Wires - Ø 0.5 - 1.6 mm with reduction 16:1. Max. speed - 2,500 rpm.



No. 1960 Contra Angle 1:1:

With quick tool clamping, 40,000 rpm. Type of shank ISO 106, Ø 2.35 mm, L 70 - 90 mm with external irrigation clip



No. 1710 Handpiece 1:1:

With quick tool clamping - 40,000 rpm. Type of shank - ISO 106, Ø 2.35 mm, L 44 - 58 mm with external irrigation clip



No. 1950 Handpiece 1:1:

With quick tool clamping - 40,000 rpm. Type of shank - ISO 106, Ø 2,35 mm, L 70 - 90 mm with external irrigation clip



No. 5040 Micro-Saw Compass:

Without saw blades, with E-Type-coupling, with external irrigation clip. Max. speed - 20,000 rpm.



No. 5090 Micro-Saw Oscillating:

Without saw blades, with E-Type-coupling, with external irrigation clip. Max. speed - 15,000 rpm



No. 5110 Micro-Saw Sagittal:

Without saw blades, with E-Type-coupling, with external irrigation clip. Max. speed - 15,000 rpm



No. 1970 Mucotome - for mucosal reparative surgery:

Max. speed - 8,000 rpm. Cutting width - 8 mm. Thickness of graft - 0.5 mm