

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

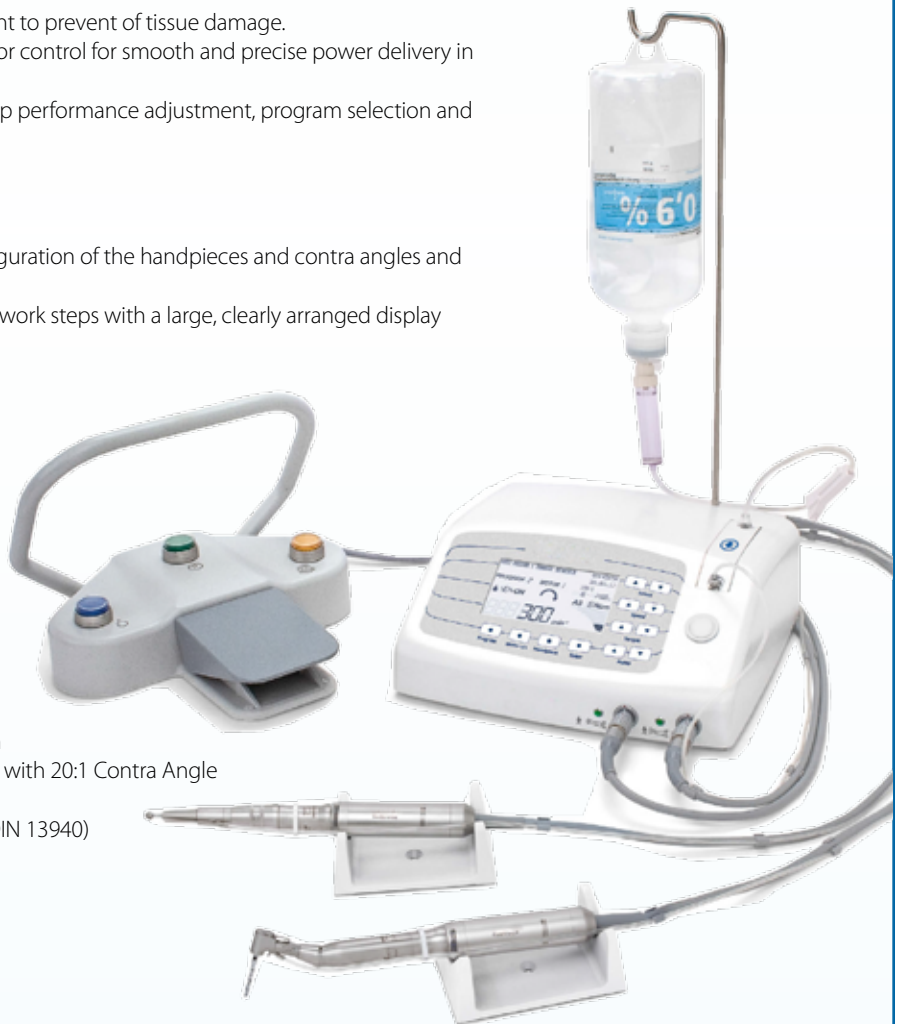
The powerful, user-friendly OS-250 Surgical Drill and Microsaw System has a unique motor system, consisting of the housing, electronic motor, footswitch and irrigation pump, and offers two motor connections, making work considerably simpler and more efficient. The optimized control of the motors allows you to accomplish your tasks individually with the highest possible precision, and 10 stored programs for each of the two motors ensure smooth running during the procedure.

Features

- Configuration menu to customize device.
- Intelligent Safety system with acoustic and optical signal and additional blocking of motor drive (e.g. open pump compartment, not connected motor or pedal).
- 70 Ncm of maximum torque at the 20:1 Contra Angle with graphical, real time torque control on display.
- Sturdy, high quality architecture and finish.
- Integrated pump system for cooling of instrument to prevent of tissue damage.
- Advanced motor system with sophisticated motor control for smooth and precise power delivery in any speed range.
- Multifunctional pedal with motor selection, pump performance adjustment, program selection and motor speed control.
- Calibration of handpieces and contra angles.
- Real-time speed and torque report.
- 10 Pre-set programs each motor configurable.
- Dual motor principle saves cumbersome reconfiguration of the handpieces and contra angles and saves time.
- Largest display of its class provides visibility in all work steps with a large, clearly arranged display with high contrast.
- Direct control without complicated navigation.
- Control lamp for currently active motor.
- Low noise pump drive: The coolant hose is easy to insert and the interior pump works at a low noise level.
- Front access to the pump: Access to the pump with just one hand is at the press of a button next to the display, hence no inadvertent movement of the device.

Technical Specifications

- Mains voltage: 100/115/230 Volt at 50 – 60 Hz
- Max. output power/motor torque: 120 W/6 Ncm
- Max. torque on the rotating instrument: 70 Ncm with 20:1 Contra Angle
- Motor speed range: 300 – 50,000 rpm
- Attachment instruments: ISO 3964 connector (DIN 13940)
- Motor cable length: 2 m
- Coolant flow rate: 1 – 100 ml/min
- Width/depth/height: 260/250/110 mm
- Weight control unit: 3.7 kg
- Foot control: Vario foot pedal



Handpiece Accessories for OS-250

**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