



Surgical Instruments



Contra-angle 20:1

- Round, detachable bur
- Head and shank disassemble for easy cleaning
- Robust head gears and ball bearings for long service life
- Reduced head size with internal cooling system

Max. speed : 15-2000rpm

Max. torque : 55Ncm

*Basic components: S201L



Straight-angle 1:1

- For use with 44.5 mm standard length burs and contra-angle burs (when used with the included backstop)
- External spray capable

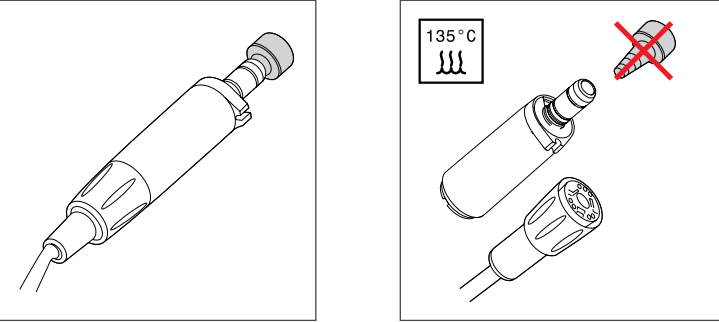
Max. speed : 40,000rpm

Technical Specification

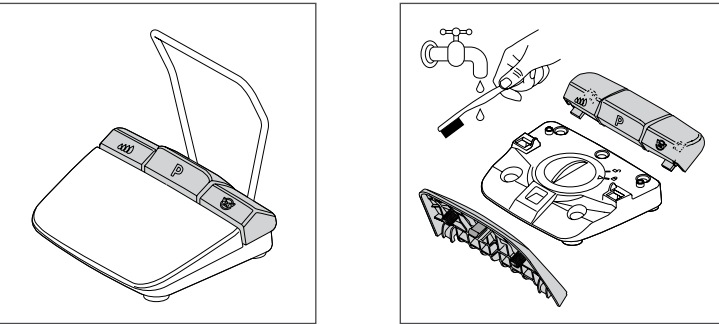
W X L X H	265x255x100mm
Weight	1.9kg (foot pedal: 1.1kg / motor: 125g)
Input voltage	100-240V
Speeds	300-40,000rpm
Max. torque for motor	80Ncm
Pump flow rates	30-100ml/min
Cable length	Foot pedal: 2.5m / Motor: 2m

Easy and Simple Maintenance

Thermo disinfect able and sterilizable motor and motor line
Completely sealed motor body for easy cleaning and prevents water ingress



Foot control disassembles for easy cleaning



OSSTEM[®]
IMPLANT

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SM5
Implant Surgery Engine

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SM5's micro-motor is incredibly convenient to use due to its smaller size, lighter body, and stronger power

Ultra-small and ultra-light motor

The SM5's smaller and lighter motor is more convenient than the INTRAsurg 300Plus, reduces wrist fatigue while providing stronger power. The motor's plasmatic coating enhances tactile feel and a secure grip.



Flexible line

The irrigation line is externalize, making the motor line lighter, slimmer and increases flexibility without compromising durability, all of this minimizes wrist fatigue during long procedures.

Significant improvement to the motor line



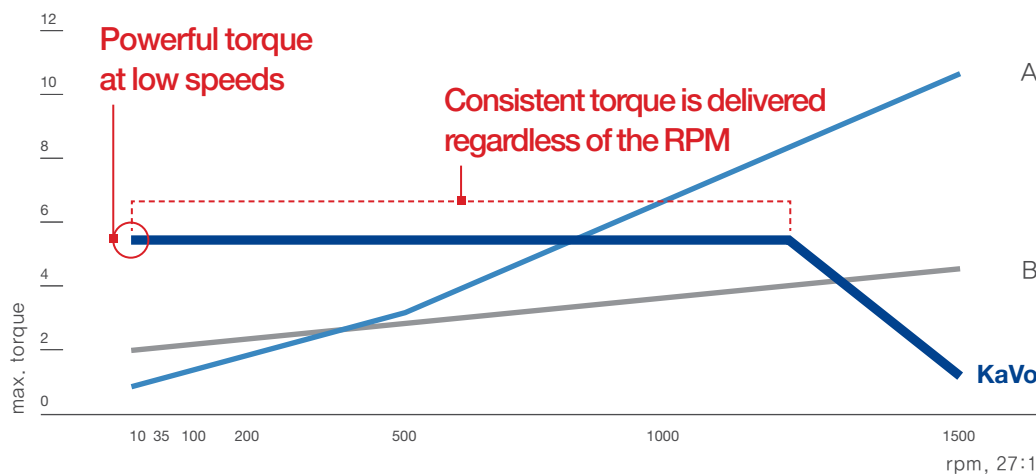
Solid connection that can withstand repetitive stress to the line



SM5 provides consistent torque force for stable implant insertion

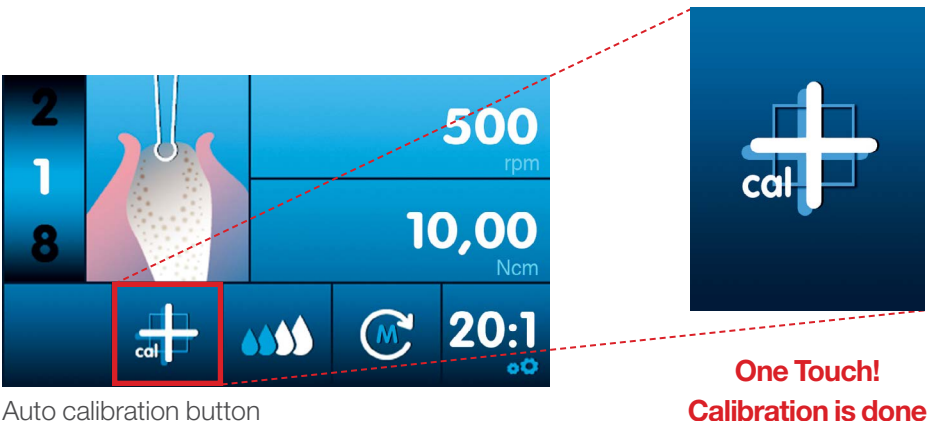
Intelligent motor control

The intelligent motor control delivers steady power at high and low rpms. Surgery is safer by maintaining a consistent torque, at high speeds.



One Touch Auto Calibration

When changing the motor torque value, the new setting can be calibrated with a single touch of a button without any additional equipment.

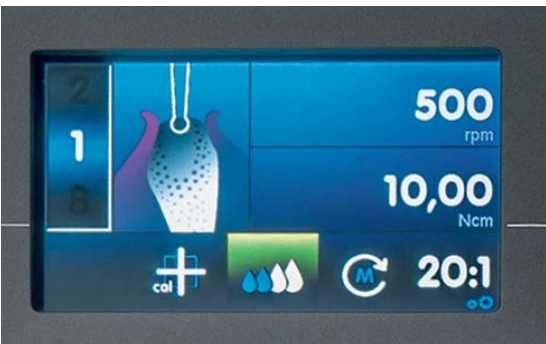


A wide and clear color screen displays visual cues of the surgical procedure

Maximized visibility

The 4.3-inch color screen displays more information than the INTRAsurg 300Plus and can be viewed from any angle.

SM5



Clear, colorful & large display

INTRAsurg300P



Standard mono display

Visual cues of surgical procedures ranging between 4 to 10 steps

Surgical procedures are displayed as visual cues ranging between 4 to 10 steps, providing the operator an intuitive and accurate understanding of what stage of the surgical procedure. In addition, the clinician can personalize the visual cues to suit his/her needs.

