



Introducing the

KaVo MASTERsurg Lux

Redefining the Best



Redefining Performance

INTERFACE WITH EASE

Intuitive color touchscreen and wireless foot controls makes it simple and easy to use

EFFICIENT WORKFLOW

10 customizable procedures, each with 10 programmable steps can be stored for multiple procedures and preferences

HIGH PERFORMANCE

Ergonomic precision due to 80 Ncm of torque and one of the world's lightest and smallest micro-motors



KaVo. Dental Excellence.

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MORE COMFORT FEATURES:

- Simple, intuitive programming with exclusive glass panel touchscreen
- Choose a convenient location in your workplace thanks to wireless foot control
- Support procedure due to graphical real time display of torque and digital data documentation
- Easy to learn by intuitive programming

Customizable Parameters:

- 10 programs, each with individually programmable treatment steps (max. 10)
- Change of contra-angle transmission ratio
- Maximum speed
- Maximum torque
- Pump delivery (0 – 4)
- Motor clockwise/anticlockwise
- Selection of implant position

MAXIMUM POWER AND PRECISION:

- SMARTdrive technology enables smooth startup characteristics, especially in the low speed range
- One touch auto-calibration guarantees precise speed and torque for maximum safety



Technical Specifications:

- Maximum torque: 80 Ncm at the instrument
- Speed range: 0 – 40,000 rpm
- Power supply voltage: 100 V – 240 V
- Input frequency: 50/60 Hz
- Pump performance: 0 – 110 ml/min



KaVo SURGmatic instruments

KaVo SURGmatic contra-angle 20:1



- S201 L 20:1 (with light)
- S201 C 20:1 (without light)
- Reduction ratio 20:1
- Detachable head and shank, easy to clean
- EXPERTgrip for improved grip and hygiene
- Small head with internal rinsing system
- External rinsing with media connector attached to the head

Hexagon version S201 XL/XC

- Hexagon clamping system for long life time (compatible with standard burs and screw-in tools)
- Optimized head gearing and ball bearing

Technical Specifications

(in connection with MASTERSurg LUX):

- Speed: 15 – 2,000 rpm
- Max torque: 55 Ncm



KaVo SURGmatic handpiece 1:1



- S11 L 1:1 (with light)
- S11 C 1:1 (without light)
- Transmission ratio 1:1
- EXPERTgrip for improved grip and hygiene
- For use with handpiece burs with standard length 44.5 mm
- With external spray

Technical Specifications

(in connection with MASTERSurg LUX):

- Max speed: 40,000 rpm
- Max torque: 5.5 Ncm



Article	Description	Mat. No.
MASTERSurg LUX Wireless	All in one surgical unit including: Surgical motor INTRA LUX S600 LED, multifunctional wireless foot control, motor tubing for S600 LED, starter tube set (5 pieces), motor and instrument holder, bottle holder, integrated peristaltic pump and power supply	1.009.1200
INTRA LUX S600 LED	One of the lightest and smallest motors (28% lighter and 20% shorter compared to its predecessor), can be heat disinfected and autoclaved, speed range: 0 – 40,000 rpm, max torque 5.5 Ncm (0 – 12,000 U/min)/5.5 to 1.5 Ncm between 12,000 – 40,000 rpm), brushless DC motor with KaVo Mini LED	1.008.8000
Hose set sterile S600	Single use coolant hoses (10 pieces)	1.009.8757
Motor cable S600	Flexible motor cable, can be disinfected and autoclaved, cable length 2 m	1.009.1700
Handpiece tray	Storage tray for motor and instrument, can be disinfected and autoclaved	1.009.3411
SURGmatic S201 XL	Contra-angle with hexagon clamping system, 20:1 reduction ratio, with light	1.010.2332
SURGmatic S201 XC	Contra-angle with hexagon clamping system, 20:1 reduction ratio, without light	1.010.2333
SURGmatic S201 L	Contra-angle with 20:1 reduction ratio, with light	1.009.0470
SURGmatic S201 C	Contra-angle with 20:1 reduction ratio, without light	1.009.1100
SURGmatic S11 L	Handpiece with 1:1 transmission ratio, with light	1.009.1010
SURGmatic S11 C	Handpiece with 1:1 transmission ratio, without light	1.009.1005

