

# Put yourself in the precision to relax.



KaVo *Expert Series*

Real experts know their strengths.

## NEW! KaVo EXPERTSurg LUX

- One of the World's lightest and smallest micro-motors
- One touch auto calibration feature guarantees precise speed and torque for maximum safety
- High performance with 80 Ncm torque at the instrument
- Intuitive programming which saves time
- Colour screen makes it easy-to-use

ONE TOUCH AUTO  
CALIBRATION!



KaVo. Dental Excellence.

## KaVo EXPERTSurg LUX

### Guaranteed precision, maximum safety:

- One touch auto calibration guarantees precise speed and torque for maximum safety
- One of the World's lightest and smallest surgical micro motors
- Smooth running, low vibration

### High reliability, top performance:

- 80 Ncm torque at the instrument
- SMARTdrive technology for high torque and minimum vibration at the start

### Easy to use functions, saves time:

- Intuitive, straightforward programming
- Symbolic references and colour display make it simple to operate
- Easy to clean



### 6 adjustable parameters:

- Treatment steps (max. 10)
- Change of gear ratio
- Maximum speed
- Maximum torque
- Pump power (0 - 4)
- Motor forward/reverse

### Technical specifications:

- Input voltage: 100 V - 240 V AC
- Input frequency: 50 / 60 Hz
- Pump flow rate: 0 - 110 ml / min

## KaVo SURGmatic instruments

### KaVo SURGmatic contra-angle 20:1

- S201 XL (with light) • S201 L (with light)  
S201 XC (without light) • S201 C (without light)
- S201 XL/XC - Hexagon clamping system and optimised head gearing and ball bearing for long service life (also compatible with burs/screw-in tools without hexagon clamping system)
- Reduction ratio 20:1
- Removable head, easy to clean
- EXPERTgrip for better grip and hygiene
- Small head with internal cooling system
- External cooling with coolant connector on the head



### KaVo SURGmatic handpiece 1:1

- S11 L (with light)  
S11 C (without light)
- Gear ratio 1:1
- EXPERTgrip for better grip and hygiene
- For use with handpiece burs of 44.5 mm standard length and can also be used with contra-angle burs using the included backstop
- With external spray



### Technical specifications (in connection with EXPERTSurg LUX):

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

### Technical specifications

#### (in connection with EXPERTSurg LUX):

- Speed: 15 - 2000 rpm
- Maximum torque: 55 Ncm

Article	Description	Material number
EXPERTSurg LUX	Complete surgery kit includes: surgery motor INTRA LUX S600 LED, multi-function foot control (cable length 2.5m), motor power for S600 LED, start up hose set (5 off), motor and instrument holder, bottle holder, integrated peristaltic pump and power supply	1.008.3500
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	One-way external coolant hoses (10 off)	1.009.8757
Motor cable S600	Flexible motor cable, can be heat disinfected and autoclaved, cable length 2 m	1.009.1700
Handpiece tray	Storage tray for motor + instrument, can be heat disinfected and autoclaved	1.009.3411
SURGmatic S201 XL	SURGmatic contra-angle with hexagon clamping system, 20:1 reduction ratio and light	1.010.2332
SURGmatic S201 XC	SURGmatic contra-angle with hexagon clamping system, 20:1 reduction ratio without light.	1.010.2333
SURGmatic S201 L	SURGmatic LUX contra-angle with 20:1 reduction ratio and light	1.009.0470
SURGmatic S201 C	SURGmatic contra-angle with 20:1 reduction ratio without light	1.009.1100
SURGmatic S11 L	SURGmatic LUX contra-angle with 1:1 gear ratio and light	1.009.1010
SURGmatic S11 C	SURGmatic contra-angle with 1:1 gear ratio without light	1.009.1005



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