

# The perfect fit for your daily challenges.



KaVo. Dental Excellence.

# KaVo MASTERSurg LUX – Redefining the Best.

The KaVo MASTERSurg helps you take dental surgery to a whole new level with comfort features that make a big difference when delivering maximum performance.

- **Comfort features** such as touchscreen, wireless foot control and data documentation come as standard
- **Customize** with up to 10 programs, each with 10 individually programmable steps
- **High performance** thanks to the S600 LED – one of the world's lightest surgical motors



## Modern Touch Display

- Simple, intuitive programming with exclusive glass panel touchscreen
- Optimal sight from all angles due to nonreflecting display



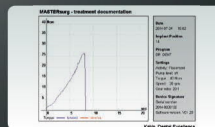
## Easy Multiprogramming

- Customizable to individual requirements
- Settings for different bone density, implant systems and users



## Wireless Foot Pedal

- Choose a convenient location in your workplace thanks to the wireless foot control



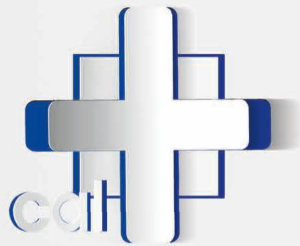
## Clear Data Recording

- Real time torque display for quality control
- Storage on SD card, transfer to patient file possible

# KaVo EXPERTsurg LUX – Put yourself in the precision to relax.

The KaVo EXPERTsurg LUX is designed to make sure you and your patients are always on the safe side.

- **Operate safely with high precision** thanks to one of the world's lightest and smallest surgical motor and auto-calibration
- **Rely on high performance** with 80 Ncm torque at the instrument
- **Save time** with intuitive programming and easy hygiene



## One touch auto-calibration

- Ensures accurate torque
- Automatic process



## Intuitive user interface

- Symbolic references and color display
- Accurate display of adjusted max. torque and motor speed



## Hygienic design

- Smooth surface, easy to clean
- Thermoinfectable and sterilizable motor and motor tube



## German Design Award 2015

- Prestigious prize dedicated to discovering, presenting and recognising unique design trends internationally
- The prize is awarded to top-class products and projects in the field of product and communication design

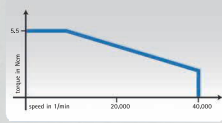
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# KaVo S600 LED – The light-weight powerhouse.



Motor torque over the speed range.

With the KaVo S600 LED, one of the world's lightest and smallest micro motors, everyday surgical procedures become less strenuous.

- 28% lighter and 20% shorter\*
- 80 Nm torque at the instrument
- SMARTdrive technology for high torque and minimum vibration at the start

\* In comparison with the KaVo INTRA SL 550

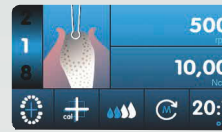


## Why KaVo S600 LED?

- NEW! Thermoisinfectable and sterilizable motor and motor tube
- Number of reprocessing cycles far exceeds the standard requirement



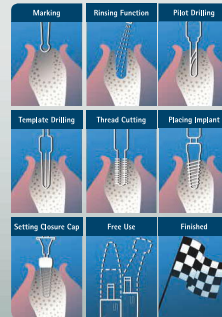
# Large Vivid Color Display – Enjoy the big picture, step by step.



## Vivid Color Display

Providing you with all relevant information in easy view at all times.

- Large color display – 4.3 inch (11 cm)
- Excellent readability
- Large viewing angle

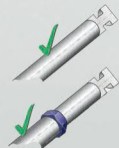


## Step by Step

The easy programming and quick information icons ensure you can concentrate on what's important, your patients and the next step.

- Alleviation of work through freely programmable workflows
- Visual icons of all working steps for quick orientation
- KaVo EXPERTSurg: 4 to 10 program steps possible
- KaVo MASTERSurg: 10 programs with up to 4 to 10 program steps possible
- Navigation during treatment via foot control

# KaVo SURGmatic instruments – For all your applications.



KaVo SURGmatic instruments offer good speed and torque: from smoothing the alveolar ridge to fixing implants, micro-surgery, ENT, retrograde apicectomy, bone splitting and much more.

NEW! With hexagon clamping system to extend the working life (compatible with standard burs and screw-in tools).

- Reduction of forces on torque transmission segment
- Less wearing of tools and instruments
- Less jammed tools



## KaVo SURGmatic S201 XL/XC

- Reduction ratio 20:1
- Detachable head and shank for easy cleaning
- EXPERTgrip for improved grip and hygiene
- Small head with internal rinsing system
- External rinsing with media connector attached to the head
- Hexagon clamping system for extended working life
- Optimized head gearing and ball bearing
- 55 Ncm max. torque

## KaVo SURGmatic S201 L/C

- Reduction ratio 20:1
- Detachable head and shank for easy cleaning
- EXPERTgrip for improved grip and hygiene
- Small head with internal rinsing system
- External rinsing with media connector attached to the head
- 55 Ncm max. torque

## KaVo SURGmatic S11 L/C

- Handpiece transmission ratio 1:1
- EXPERTgrip for improved grip and hygiene
- For use with handpiece burs with standard length 44.5 mm
- With external spray
- 5,5 Ncm max. torque





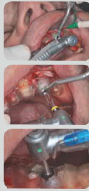
## Customers statements – Rely on high precision.



**Dr. med. Severin Holl, EXPERTSurg and MASTERSurg user**

*"First I defined several steps of an implantation on both of the devices. This process was very easy due to the intuitive programming. Thanks to the well-balanced motor and contra-angle, I could work safely and fatigue-free."*

*I very much liked the additional programming possibilities as well as the easy-to-clean glass touch panel. (...) Thanks to the wireless foot control, I could carry out the surgery without being disturbed by any pedal cable. (...) Finally, considering an eventual need to document surgical treatments, I decided to purchase the MASTERSurg."*



**Dr. Dr. Hans-Peter Billian and Dr. med. Werner Hillebrand, EXPERTSurg users**

*"The compact and light EXPERTSurg is really attractive with its smooth and hygienic surface. (...) The light and small motor together with the flexible motor tubing allows ergonomic and fatigue-free working. (...) Until now we never used programmed workflows for surgeries, but the programming possibility and the clear color display made it so comfortable and easy that we started using this feature. It became so enjoyable that for a couple of treatment steps (inserting of implants and thread cutting), we even changed our way of working from manual to automatic."*

## The KaVo Surgery portfolio – A clever system for your daily challenges.

The KaVo Surgery portfolio is a perfectly synchronized system of high quality components. The KaVo EXPERTSurg with its first-rate precision features or the KaVo MASTERSurg boasting high-end comfort features. The perfect fit for your daily challenges.



### KaVo MASTERSurg LUX

#### COMFORT

- Touchscreen
- Multiprogram capability
- Data documentation
- Wireless foot control

#### PRECISION

- Auto-calibration
- Display of maximum torque
- KaVo Mini LED

#### EASE OF USE

- Large color display
- Visual indication icons
- SMARTdrive technology
- 10 x 4 to 10 program steps possible
- Thermoisinfectable and sterilizable motor and motor tube

#### POWER

- 5600 LED Motor with 80 Nm torque

### KaVo EXPERTSurg LUX

#### PRECISION

- Auto-calibration
- Display of maximum torque
- KaVo Mini LED

#### EASE OF USE

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# Technical Data

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
EXPERTSurg LUX	All in one surgical unit including: Surgical motor INTRA LUX S600 LED, multifunctional foot control (cable length 2.5 m), motor tubing for S600 LED, starter tube set (5 pieces), 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), thermoisinfectable and sterilizable, speed range: 0 – 40,000 rpm, max torque 5.5 Ncm (0 – 12,000 U / min)/5.5 to 2.5 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, thermoisinfectable and sterilizable, cable length 2 m	1.009.1700
Handpiece tray	Storage tray for motor and instrument, thermoisinfectable and sterilizable	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



Ask your specialized trade partner about KaVo Surgery



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