stomdevice

KaVo™ Electric Systems
Introducing ELECTROmatic™



KAVO
Dental Excellence

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Electrics made easy with KaVo

Switching to KaVo electric systems helps you to improve your efficiency, provide better patient care, and increase your confidence in handling complicated cases. KaVo electric systems combine state of the art handpieces, a short, light-weight motor and the NEW ELECTROmatic™ control system to provide an optimal electric solution for your practice.



ELECTROmatic



ELECTROmatic Plus

Easy selection.
Three distinct options in the ELECTROmatic series offers the versatility to choose the right system to fit your treatment needs.

Easy-to-use.
ELECTROmatic features an intuitive user interface. Its simple design and clear picture indications make the systems functionality easy to operate.

Start your free trial **try.kavo.com/electrics**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



ELECTROmatic Premium

Easy speed control.
The ELECTROmatic motor system delivers constant speed and constant torque, allowing precise preparations at the defined speed. Easily adjust the speed on the control system display for a wide range of indications.

Easy and fast installation.
You can upgrade your existing delivery unit within minutes. The plug and play system connects to a standard air tubing and automatically adjusts to the air pressure of your dental unit.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Why KaVo electrics?

With the powerful performance of KaVo's ELECTROmatic, KaVo now offers a comprehensive electrics upgrade system, a perfect fit with KaVo's premium handpiece collection. By combining KaVo's triple gear system and a short, light-weight motor, KaVo provides you with the ideal solution for synchronized efficiency.



Master Series

The pinnacle of KaVo innovation

Featuring the MASTERmatic LUX M25 L and MASTERmatic LUX M05 L Mini High-speeds with KaVo's smallest head size yet on an electric attachment. The MASTERmatic high-speed attachments feature a triple-gear system for smooth, reliable operation and patented angles for superior access.

Expert Series

Superior KaVo performance

Experience fast and precise working with the EXPERTmatic™ series attachments thanks to a smaller head size, snap-on facility and ceramic bearings. The Expert Series all feature quality stainless steel construction and advanced hygienic solutions.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



Smart Series

Precision endo

Featuring the SMARTmatic™ S81, you can easily perform endodontic procedures with precision. The entire Smart Series line combines excellent conditions with amazing performance, reliability, versatility, and efficiency.

KL703 LED Short Motor

Superior KaVo performance

KL703 LED brushless electric motor is 30% lighter and 25% shorter than other market-leading electrics. Paired with KaVo's ELECTROmatic Systems, it connects with any attachment with ISO 3694 (E-style) connection.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



ELECTROmatic Premium

The ultimate all-in-one device for intuitive operation and integrated endo function. Available with one or two motors for easy prep and integrated endo function. The preprogrammed file systems make it easy to plan and customize your endodontic sequence.

Features:

- All-in-one device with special prep mode and endo mode with torque limit control
- Up to 5 speed memory presets available in prep mode
- Powerful KL703 LED Motor with ISO 3694 coupling (see page 11)
- Dual motor option for easy switch between high and low-speed functions
- SMARTdrive™ sensorless control allows a high torque at low speed ranges
- Pairs perfectly with KaVo MASTERmatic attachments
- Very easy to adjust speed with a slider on display
- Large 4.3" TFT color touch screen display
- Intuitive programming adjustment
- Scratch-resistant Dragontrail® glass display, which is six times harder than standard glass
- Smooth surface and easy to clean
- System displays bur speed when selected gear ratio of handpiece is set
- Remote mount display for best ergonomic viewing positions
- 3-year warranty
- Dimensions: 5.9 x 5.3 x 3 inch

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



MASTERmatic	High-speed	High-speed	Straight	Contra Angle
Selected Instruments	M25 L	M05 L Mini	M10 L	M20 L
Transmission ratio	1:5	1:5	1:1	1:1
Speed range up to	200,000 rpm	200,000 rpm	40,000 rpm	40,000 rpm
Bur type	Friction grip burs 1.6 mm	Friction grip burs 1.6 mm	Handpiece burs	—
Highlights	Triple gear transmission for quiet and smooth operation	Triple gear transmission for quiet and smooth operation	For use with straight or contra-angle burs	For use with INTRA LUX™ heads
Overall features	Plasmatec coating for perfect grip, replaceable spray microfilter, glass rod light conductor, ceramic bearings, 2-year warranty*			
Part no.	**1009.3630**	**1009.3640**	**1009.3570**	**1009.3620**



INTRA LUX heads	Prep	Endo	SMARTmatic Low-speed, Endo
Selected Instruments	L68B	L66B	S81
Transmission ratio	1:1	3:1 Reduction	8:1
Speed range up to	40,000 rpm	13,300 rpm	40,000 rpm
Bur type	For latch type burs 2.35 mm		For latch type burs 2.35 mm
Overall features	2-year warranty*		1-year warranty
Part no.	**1008.1834**	**1008.1831**	**1011.6780**

*2.5 years when maintained with QUATTROcare Plus



Try the new ELECTROmatic touchscreen functionality for yourself at **kavo.com**

Prep mode.

Within the prep mode it is very easy to change settings:

- 5 programmable speed settings (to the left on the display)
- Selection of the gear ratio of handpiece – display shows the actual bur speed
- Motor forward/reverse options
- Access user settings menu

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Easy-to-use Endo functionality

ELECTROmatic Premium features both a prep mode and a special endo mode. The endo mode allows up to 5 individual endo sequences, with up to 10 files each. The system offers a preprogrammed file database including over 20 endo file systems all with preset parameters like diameter, taper and ISO color code.



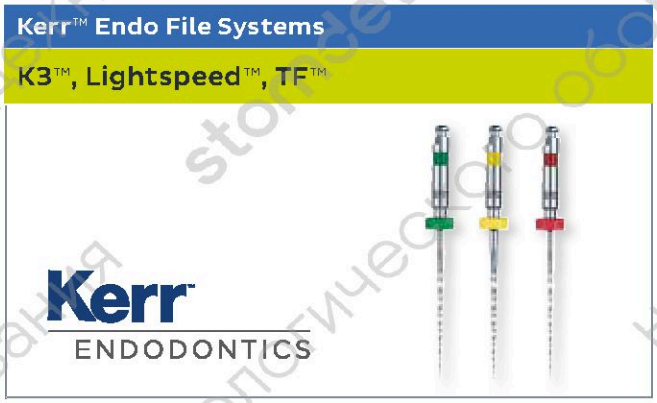
Endo mode.
with preprogrammed file systems



Select your endo file sequence.
Choose from the preprogrammed file sequences for efficient working. Or you can create your own sequence by selecting files from the manufacturers listed on the following page. You can even enter your own file specifications for a completely custom workflow for all your endodontic needs.

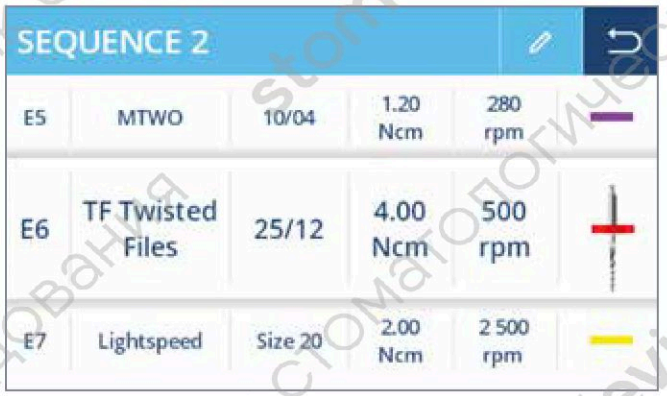
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



Other endo file manufacturers.

Dentsply – ProFile®, System GT®, ProTaper® Universal, ProTaper Next, ProFile® GT, PathFile®, GT Series X®, ProFile® Vortex®, Protaper G, Vortex Blue, TRUShape
COLTENE – HyFlex® EDM, HyFlex® CM
FKG – BioRace
KOMET – F360
MICRO-MEGA – Hero
VDW – Mtwo®



Endo workflow setup.

Define up to five individual endo sequences. For each sequence, choose one of the pre-defined endo steps E0-E9. Choose the preferred file system, set the desired diameter/taper and the system automatically displays the maximum speed and torque for the selected ISO file. Name your new file sequence with any desired description.



Work easily in your endo workflow.

At the top of the touch display, select one of your five endo sequences. Start with endo step E0 and continue through each preset. The display shows the file name with ISO color code, taper, and diameter. If necessary, change the desired speed and torque with the active slider at the bottom of the screen.

- Water is automatically blocked in endo mode
- Gear ratio options 1:1, 3:1 and 8:1
- Torque control, auto-reverse, auto-reverse/forward options
- Motor forward/reverse options

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



ELECTROmatic Plus

The perfect solution for all high-speed and low-speed applications. Easy to read LCD display and multiple mounting options offer the best visibility and comfortable access to adjust the motor speed settings.

Features:

- LCD-Color Display with 3 speed programs for fast switch between speed settings
- Powerful KL703 LED Motor with ISO 3694 coupling
- Perfect balance of the system due to the light-weight motor and tube
- SMARTdrive sensorless control allows a high torque at low speed ranges
- Pairs perfectly with MASTERmatic or EXPERTmatic attachments
- Easy to upgrade with the modular system design - motor tubes, LED-bulb, motor itself can be exchanged in the field
- Easy program and change of individual speed settings and forward/reverse option
- Remote mount display for best ergonomic viewing position
- 3 year warranty
- Dimensions: 5.7 x 5.2 x 1.7 inch

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



EXPERTmatic	High-speed	High-speed	Low-speed	Low-speed	Low-speed
Selected Instruments	E25 L*	E25 C	E20 L*	E20 C	E15 L*
Transmission ratio	1:5	1:5	1:1	1:1	5.4:1 Reduction
Speed range up to	200,000 rpm	200,000 rpm	40,000 rpm	40,000 rpm	7,400 rpm
Bur Type	Friction grip burs 1.6 mm	Friction grip burs 1.6 mm	Latch-type burs 2.35 mm	Latch-type burs 2.35 mm	Latch-type burs 2.35 mm
Overall features	KaVo EXPERTgrip™ for better grip, Internally guided, separate cooling media, ceramic bearings, 2 year warranty**				
Part no.	**1007.5550**	**1007.5551**	**1007.5540**	**1007.5541**	**1007.5530**

*Cellular optic



EXPERTmatic	Low-speed	IPR / Stripping / Prep	Prophy	Straight
Selected Instruments	E15 C	E61 C	E31 C	E10 C
Transmission ratio	5.4:1 Reduction	–	5.4:1 Reduction	1:1
Speed range up to	7,400 rpm	20d d,000 rpm	7,400 rpm	40,000 rpm
Bur Type	Latch-type burs 2.35 mm	ORTHOstrips or™ Proxoshapes™	For snap on / screw in prophy cups or brushes	For straight burs
Overall features	KaVo EXPERTgrip for better grip, Internally guided, separate cooling media, ceramic bearings, 2 year warranty**			
Part no.	**1007.5531**	**1008.4999**	**1008.4998**	**1007.5560**

**2.5 years when maintained with QUATTROcare Plus



INTRA LUX KL 703 LED Electric motor

Brushless motor, speed range 100 to 40,000 rpm controlled torque, maximum torque 3.0 Ncm, sterilizable, self exchangeable LED, 3 year warranty.
Part no. **1007.0150**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



ELECTROmatic

The entry into the world of KaVo electrics. Pairs perfectly with the innovative COMFORTdrive 200XDR high-speed handpiece – now with increased speed range for some low-speed applications.

Features:

- Constant torque and constant speed at high load
- Perfect balance of the system due to the light weight motor and tube
- SMARTdrive sensorless control allows a high torque
- Dynamic speed regulation allows consistent bur speed even with variable incoming air pressure
- Pairs perfectly with COMFORTdrive™ 200 XDR handpiece
- Easy and flexible installation with mounting brackets included
- Integrated water filter
- Easy to upgrade with the modular system design – motor tubes and LED-bulb can be exchanged in the field
- 3 year warranty
- Dimensions: 5.6 x 4.6 x 1.4 inch

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice



KaVo COMFORTdrive handpiece

KaVo's most innovative handpiece - the COMFORTdrive 200XDR offers a blend of optimal performance and superior ergonomics with whisper quiet operation. COMFORTdrive delivers the precise cutting performance of an electric handpieces with the light-weight, ergonomic design similar to an air-driven handpiece thanks to the integrated micromotor technology.

COMFORTdrive handpiece	
Handpiece Model	**COMFORTdrive 200 XDR**
Speed range	20,000 - 200,000 rpm
Bur type	Friction grip burs 1.6 mm
Highlights	Very lightweight and powerful - the most ergonomic KaVo handpiece
Overall features	Plasmatec coating for improved grip, replaceable spray microfilter, Glass rod light conductor, ceramic bearings, 2-year standard warranty*
Part No.	**1007.3570**

*2.5 years if maintained with QUATTROcare Plus



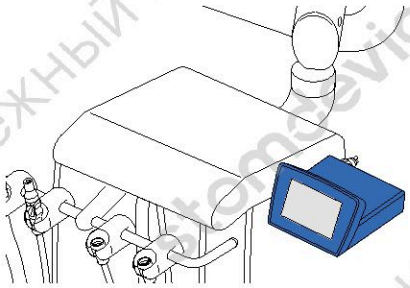
COMFORTbase coupling

Special handpiece tubing and coupling system, exclusively for use with the COMFORTdrive 200 XDR to ELECTROmatic (all versions) Part no. **1011.7335**

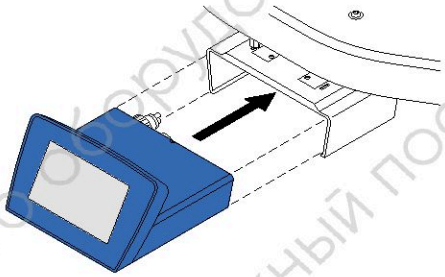
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

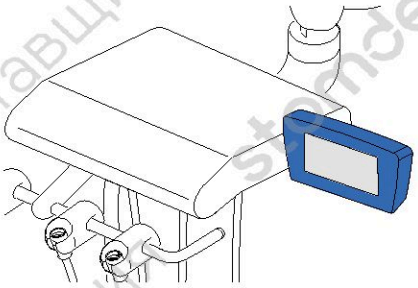
Flexible installation



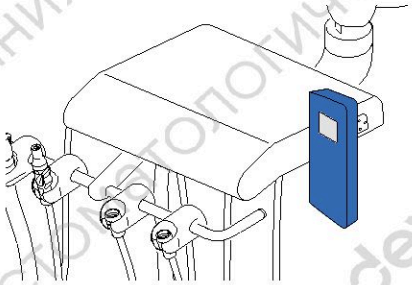
ELECTROmatic Premium side mount



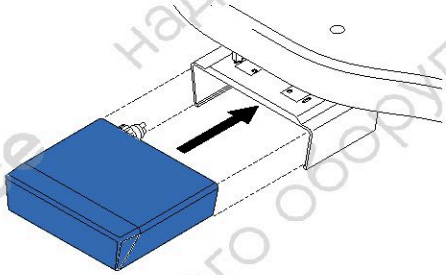
ELECTROmatic Premium under surface mount



ELECTROmatic Premium remote display side mount



ELECTROmatic Plus remote display vertical mount: ELECTROmatic Plus display rotates for vertical mounting.



ELECTROmatic under surface mount: All versions if remote display is used.



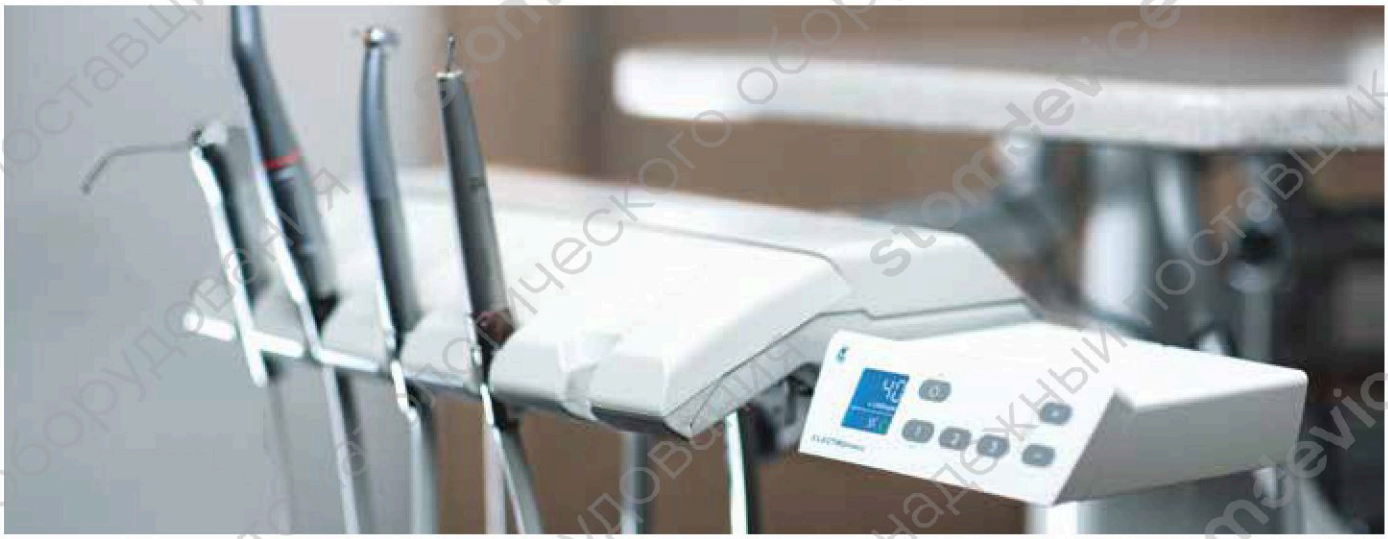
Quick installation guide provided with each ELECTROmatic shipment or download at **kavo.com**

Ergonomic and installation options.

The ELECTROmatic system can be installed in many positions to reach highest flexibility and perfect ergonomics. All necessary fixtures are provided for installation on any delivery unit, cabinet or dental cart. The display can easily be installed remotely and the control box can be mounted conveniently out of view.

Fast installation and automatic set-up.

After mounting the ELECTROmatic control module in the desired location, all you need is to connect the supply air tubing(s), the motor tubing(s) and the power supply, then the system is ready to use. With the first push of the treatment unit foot control, the system is automatically calibrated to the existing system air pressure.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Technical Specifications



	ELECTROmatic	ELECTROmatic Plus	ELECTROmatic Premium	
Dimensions (inch)	5.6 x 4.6 x 1.4	5.7 x 5.2 x 1.7	5.9 x 5.3 x 3	
Presets	n/a	3 speed presets	- 5 presets in prep mode - 5 programmable endo workflows with up to 10 files each - 22 pre-programmed file systems*	
Media input	via standard 4-hole, 5-hole or 6-pin air tubing connection System pressure: 1.8 - 5 bar, Spray air: 1.0 - 2.5 bar, Spray water: 0.8 - 2.0 bar, Water filter element included			
Package includes	177 inch power supply cable and all mounting hardware			
Drive included	1 x COMFORTbase™	1 x KL703 or 1 x COMFORTbase	1 x KL703	2 x KL703 or 1 x KL703 and 1 x COMFORTbase

with KL703 motor standard tube (69 inch)**	–	**1012.8541**	**1012.8545** 1 x KL703	**1012.8547** 2 x KL703
with COMFORTbase standard tube (69 inch)**	**1012.8539**	**1012.8543**	–	**1012.8549** 1 x KL703 and 1 x COMFORTbase

	INTRA LUX KL 703 LED Motor	or	COMFORTbase
Torque	Max. 3.0 Ncm		Max. 0.4 Ncm
LED bulb intensity	25,000 LUX		25,000 LUX
Motor speed range	100 - 40,000 rpm		20,000 - 200,000 rpm

* For ordering of Kerr Endo files contact your friendly Kerr Endodontics representative or call 800-KERR-123

** Optional long tube (87 inch) available

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Dental Excellence from KaVo.



Handpieces

KaVo has always been the leader in creating innovative solutions for dental practitioners. Our vast line of quality handpieces showcase our attention to your level of care while delivering performance that lasts.



Treatment Units

Beautiful lines, patient comfort and simple operation are just a few of the benefits to the line of KaVo treatment units. Everything you need to perform any procedure—all in one solution.



Imaging Solutions

Designed with ease-of-use for all clinicians in mind, KaVo now offers dependable and consistent imaging solutions that provide vital information to support accurate diagnosis and predictable treatment planning.

The products, equipment and services illustrated and described in this brochure reflects knowledge at the time of printing. KaVo Dental accepts no liability for any deviation from the illustrations in terms of color or shape, or any errors or print errors, and retains the right to make changes to the brochure at any time. Full or partial reprinting is only permitted with permission from KaVo Dental. ELECTROmatic, INTRA LUX, COMFORTdrive, COMFORTbase, EXPERTmatic, EXPERTgrip, MASTERmatic, SMARTmatic, SMARTdrive, QUATTROcare are registered trademarks of KaVo Dental in the United States and/or other countries. K3, Lightspeed and TF are registered trademarks of Kerr in the United States and/or other countries. Dragontrail is a registered trademark of Asahi Glass Company. ProFile, System GT, ProTaper, Universal, ProTaper Next, ProFile GT, PathFile, GT Series X, Vortex, Protaper G, Vortex Blue and TRUShape are registered trademarks of Dentsply. HyFlex, EDM and HyFlex CM are registred trademarks of Coltene. BioRace is a registered trademark of FKG. F3260 is a registered trademark of Komet. Hero is a registered trademark of Micro-mega. Mtwo is a registered trademark of VDW.

© 2017 KaVo Dental. All rights reserved. KV00148/A8.17

KaVo | 11727 Fruehauf Dr | Charlotte NC 28273 | USA | 1-888-ASK-KAVO
www.kavo.com

KAVO Dental Excellence

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ