

KaVo turbines, straight and contra-angle handpieces

Robust. Powerful. Efficient.

KaVo expert series

KaVo EXPERTtorque

KaVo EXPERTmatic



KaVo. Dental Excellence.

Consistently reliable quality made by KaVo.



1. Maximum durability
2. Efficient procedure
3. Reliable equipment

KaVo expert series



Your KaVo quality advantage

More than 100 years experience and more than five million KaVo handpieces sold is the worldwide proof of Dental Excellence. Four of the numerous quality proofs:

- > During manufacture we attach high importance on precision, and we provide high internal quality standards such as **dust-free assembly in Biberach**.
- > Up to 70% of the handpieces produced by other manufacturers require essential repair during the first four years – at KaVo this is **only 30%**. Thus, KaVo is leading the market (source: poll GfK ZaBus March 2009).
- > The **repurchase rate of 98%** represents **very high customer satisfaction** with regard to the quality of our products.
- > **Regular certifications** grant continuously high quality. KaVo is EN ISO 9001 and EN ISO 13485 certified.

Your KaVo innovation advantage

With innovation from passion and more than 2,200 patents and registered utility patterns at home and abroad we contribute to your daily success. Some very successful examples:

- > **KaVo COMFORTdrive**, the first contra-angle with integrated electro motor combines power and ease.
- > The **changeable KaVo spray microfilter** optimises spray cooling and reduces service costs.
- > The **automatic pressure regulation valve** for turbines grants high moment of force and long service life.
- > The **patented head and knee angles of 100° and 19°** for KaVo handpieces grant optimal access to the preparation area.
- > **SONICflex Quick-Coupling** accelerates and simplifies the scaler tip change.

Your KaVo system solution advantage

Gain **profitability and protection of investment** with perfectly adjusted solutions:

- > **You do not need to purchase expensive new devices, when you can** replace e.g. the fibre-optic bulb can be replaced with the new KaVo MULTI LED.
- > Protection of your investment is significantly increased by the long term availability of **spare parts**
- > With each new development we attach high importance to corresponding system solutions so that **cost-efficient upgrades** are also possible in the future.

Your KaVo safety advantage

KaVo creates the prerequisites for **best treatment safety** and for infection protection of dentist, assistants and patient during each treatment. This can be proven with hands-on examples:

- > The **chuck holding force** of up to 30 N for each product line is far above the required standard and grants safe holding of the bur for the long term.
- > **Innovative hygiene solutions** such as the Direct Stop Technology of the MASTER Series and the easy-to-clean and sterilisable surfaces, provide additional protection against cross-infection.



More than  million handpieces sold worldwide.



KaVo. Dental Excellence.

18-month guarantee

The KaVo expert series

Achieve increased efficiency with KaVo – at a favourable rate.

When do you get most benefit from your investment? When your equipment pays off long term. The new KaVo Expert Series offers unbelievable price-longevity ratio.

These products are designed to perfectly assist you in your daily work. Workflow is problem-free; maintenance and cleaning is reduced to a minimum. You will enjoy extraordinary work efficiency daily! The Expert Series offers options for all treatment indications without the need for unnecessary extras; thus, you can rely upon efficient equipment proven with millions of treatments.

KaVo Expert Series – real experts know their strengths.



1. Maximum durability



- > **Best longevity** – manufacturing in accordance with strict quality standards, close manufacturing tolerances, dust-free assembly, and use of non-wear hard metal guide bushing
- > **Best reliability and maintenance of value** thanks to 18-month guarantee and high-quality, low-wear materials such as ceramic bearings (turbines and speed-increasing handpieces), very low suck-back effect, and stainless steel head
- > **Long-term cost savings** thanks to compatible KaVo system solutions such as change to KaVo MULTI LED, long-term spare parts supply



2. Efficient procedure

- > **High power levels** of up to 18 Watts (turbines), for fast and efficient preparation
- > **Fast cleaning and efficient grip** thanks to the new KaVo EXPERTgrip surface and the new smoother shape now without crevices
- > **Always ready to use** thanks to the replaceable spray microfilter (turbines and speed-increasing handpieces)
- > Reduced **head dimensions** for easy and efficient access to the treatment area
- > **Easy handpiece change** – ready to use in no time at all thanks to the spring loaded alignment lug and MULTIflex-System



3. Reliable equipment

- > **KaVo safety standards** include 3-and 4-port sprays and a high chuck retention force up to 30N
- > **Glare-free lighting of treatment area** with 25,000 Lux thanks to the KaVo glass rod light conductor



KaVo. Dental Excellence.

KaVo EXPERTtorque – improves work efficiency with immediate effect and for the future.



EXPERTtorque E680 L

- > **Improved safety and hygiene features** thanks to the new, improved anti-reflux system when the turbine runs down; internally conducted spray air and water and the new replaceable water filter
- > **Improved treatment efficiency and accessibility** thanks to the new smaller standard head size and the head and knee angles of 100° and 19° respectively
- > **Efficient handling** thanks to MULTiflex coupling and ceramic bearings

Mat. no. 1.006.8700 (E680 L) with light
 Mat. no. 1.006.9000 (E680 C) without light
 Mat. no. 1.006.4600 (E680 LS) with light, for Sirona coupling*
 Mat. no. 1.006.4700 (E680 LN) with light, for NSK coupling*

EXPERTtorque Mini E677

- > **Easier working in tighter treatment areas** thanks to the new even smaller miniature head and head and knee angles of 100° and 19° respectively
- > **Efficiency combined with improved infection control** thanks to the new 3-port spray, improved anti-reflux system when the turbine runs down, and the new replaceable spray water filter
- > **Better visibility and more efficient working** thanks to the integrated light and small miniature head

Mat. no. 1.007.3600 (E677 L) with light
 Mat. no. 1.006.0100 (E677 LN) with light, for NSK coupling*

MULTiflex LUX coupling 465 LED

- > Improves **efficiency with flexibility**, thanks to compatible connection for many handpieces **Economical with high cost savings** as no new purchase is required when upgrading from fibre-optic to LED; just replace the fibre-optic bulb with a KaVo MULTI LED

Used for all KaVo turbines with MULTiflex connection, SONICflex Aircaler, PROPHYflex, CORONAFlex, all INTRAFlex LUX motor instruments, air motor 181M and RONDOflex

Mat. no. 1.007.3197

* These brands are not KaVo Dental GmbH brands

KaVo EXPERTmatic – efficiency is the focus.



EXPERTmatic E25 L

- > Speed-increasing handpiece, transmission 1:5
- > **Fast and precise working** thanks to even smaller head, snap-on facility and ceramic bearings
- > **Best reliability** thanks to internally conducted spray water and air, 3-port spray, and replaceable water filter
- > **Perfect lighting** thanks to the 25,000 Lux glass rod light conductor

Mat. no. 1.007.5550 (E25 L) with light
 Mat. no. 1.007.5551 (E25 C) without light



KaVo MULTI LED
 universally available with a
 significantly increased service
 life compared to traditional
 fibre-optic bulbs



KaVo EXPERTmatic straight and contra-angle handpieces – for improved efficiency and reliability.

- > **Strengthened tension system** for all contra-angle handpieces
- > **Optimised bur cooling** thanks to separate feed of spray air / spray water
- > **Push-button chuck**

EXPERTmatic E20 L

- > Transmission 1:1
 - > **Efficient** with single spray and internally conducted spray water and spray air
 - > **Efficient access** thanks to even smaller head
 - > **Improved visibility** thanks to the 25,000 Lux glass rod light conductor
 - > **Easy handling** thanks to spring loaded alignment lug
- Mat. no. 1.007.5540 (E20 L) with light
Mat. no. 1.007.5541 (E20 C) without light

EXPERTmatic E15 L

- > Transmission 5.4:1
 - > **All the efficiency benefits of the EXPERTmatic E20 L**, including single spray and spring loaded alignment lug
- Mat. no. 1.007.5530 (E15 L) with light
Mat. no. 1.007.5531 (E15 C) without light

EXPERTmatic E10 C

- > Straight handpiece, transmission 1:1
 - > **Efficient** with single spray and internally conducted spray water and spray air
 - > Suitable for straight and contra-angle burs
- Mat. no. 1.007.5560 (E10 C)

EXPERTmatic E31 C

- > Polishing contra-angle, transmission 5.4:1
 - > Multiple seals protect against ingress of polishing paste. With threaded chuck and mandrel
 - > For screw-in and snap-on cups
- Mat. no. 1.008.4998 (E31 C)

EXPERTmatic E61 C

- > EVA-Prophy contra-angle
 - > For EVA System
 - > Perfect for polishing of interdental spaces, approximal enamel reduction etc.
 - > Lifting height 0.8 mm with reduced lifting
 - > Precise fixation of files thanks to 36 snap-in positions
- Mat. no. 1.008.4999 (E61 C)



KaVo QUATTROcare Plus – good handpiece care pays off.

KaVo QUATTROcare Plus

- > Cost-efficient care for your handpieces
- > Optimum quality of care with the KaVo QUATTROcare plus care spray
- > Easy efficient handling and fast programme sequence
- > Low purchase and consumables costs

Mat. no. 1.008.3805



KaVo Spray

- > Manual handpiece / turbine care
- > Effective and value-conserving

Mat. no. 0.411.9640



KaVo CLEANspray / DRYspray starter set

- > Intensive cleaning removes residual germs

Mat-Nr. 1.007.0573



You know what you want.
We have what you need.

The handpiece series from KaVo – the perfect handpieces for every dentist.

More handpieces from the KaVo Expert Series.

Prophylaxis and minimal invasive treatment

- 1.001.9000 DIAGNOcam
- 1.002.7000 DIAGNOdent pen
- 1.000.4243 SONICflex 2003 L
- 1.000.4246 SONICflex 2003



Specialist endo products

- 1.002.6141 ENDOstraight E 120
- 1.002.7561 ENDOstraight E 40



Surgical

- 1.010.2332 SURGmatic S201 XL with light
- 1.010.2333 SURGmatic S201 XC without light
- 1.009.0470 SURGmatic S201 L with light
- 1.009.1005 SURGmatic S201 C without light
- 1.009.1010 SURGmatic S211 L with light
- 1.009.1005 SURGmatic S11 C without light
- 1.001.2278 INTRA sub-frame C 09
- 1.001.4503 INTRA head C 3
- 0.540.8340 INTRA reducing head 67 RIC
- 0.534.5650 INTRA surgical shank 3620 N
- 0.534.5660 INTRA surgical shank 3624 N
- 0.534.5670 INTRA surgical shank 3630 N



- 1.009.1200 MASTERSurg
- 1.008.3500 EXPERTSurg Lux
- 0.524.5600 INTRA surgical handpiece 3610 N1
- 0.524.5610 INTRA surgical handpiece 3610 N2
- 0.524.5620 INTRA surgical handpiece 3610 N3
- 1.008.8000 Surgical motor INTRA LUX S600 LED



KaVo **master** series

Enjoy maximum power with innovative KaVo comfort.

Best treatment quality

Maximal treatment comfort

Highest patient satisfaction



KaVo **expert** series

Achieve more with reliable KaVo performance.

Maximum durability

Efficient procedure

Reliable equipment



KaVo **smart** series

Start safe with affordable KaVo quality.

Entry-level price segment to enter the world of KaVo

Robust and solid quality

Made by KaVo



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