

KaVo turbines, straight and contra-angle handpieces

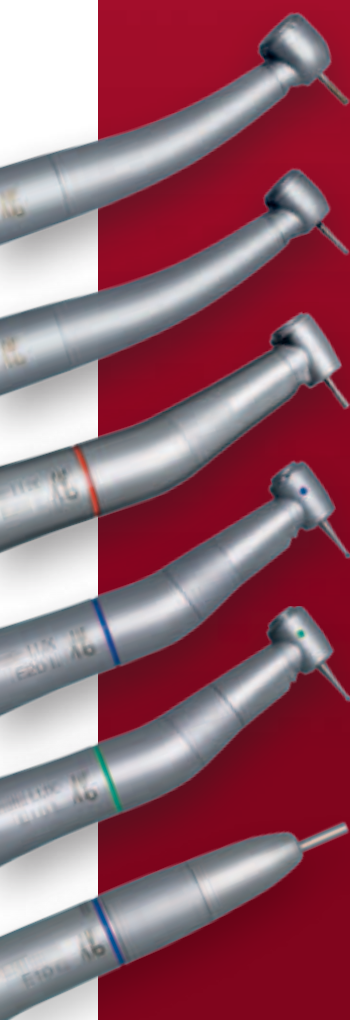
# Trend-setting efficiency. The new Expert series.

**NEW**

KaVo EXPERTtorque  
KaVo EXPERTmatic

KaVo *Expert Series*

Real experts know their strengths.



*KaVo EXPERTtorque E680 L*

*KaVo EXPERTtorque Mini E677 L*

*KaVo EXPERTmatic E25 L*

*KaVo EXPERTmatic E20 L*

*KaVo EXPERTmatic E15 L*

*KaVo EXPERTmatic E10 C*



KaVo. Dental Excellence.

# Consistently reliable quality made by KaVo.



## 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 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 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 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**, the integrated anti-suck back system in the GENTLEsilence series and the easy-to-clean and sterilisable surfaces, provide additional protection against cross contaminations.



1. Best price-longevity and efficiency
2. Maximum work efficiency
3. Proven efficient handpiece technology

The new KaVo *Expert Series*



More than **5** million handpieces sold worldwide.



KaVo. Dental Excellence.





# The new 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. Best price-longevity and efficiency

- > **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. Maximum work efficiency

- > **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. Proven efficient handpiece technology

- > **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 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



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# 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**



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

## 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 the 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)



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# 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 SPRAYrotor

- > Semi-automated care programme – allowing rotation
- Mat. no. 0.411.7710



## 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. no. 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

|            |                    |  |
|------------|--------------------|--|
| 0.574.0500 | DIAGNOdent classic |  |
| 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

|            |                             |  |
|------------|-----------------------------|--|
| 1.001.2278 | 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 |  |

|            |                                  |  |
|------------|----------------------------------|--|
| 0.524.5600 | INTRA surgical handpiece 3610 N1 |  |
| 0.524.5610 | INTRA surgical handpiece 3610 N2 |  |
| 0.524.5620 | INTRA surgical handpiece 3610 N3 |  |
| 1.000.8072 | Surgical motor INTRA S 550       |  |
| 1.001.3440 | INTRAsurg 300                    |  |



KaVo  
*Master Series*

A true master knows no compromise.

- Best treatment quality
- Maximal treatment comfort
- Highest patient satisfaction



KaVo  
*Expert Series*

Real experts know their strengths.

- Best durability at unbeatable prices
- Time-proven equipment solutions
- Highest efficiency



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