KaVo turbines, straight and contra-angle handpieces

Trend-setting efficient.
The new Expert series.

KaVo EXPERTtorque
KaVo EXPERTmatic

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

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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:

1. Highest price/durability efficiency
2. Maximum work efficiency
3. Proven equipment efficiency
4. Consistently reliable quality

Made by KaVo.

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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:

1. KaVo COMFORTdrive, the first contra-angle with integrated electric motor combines power and ease.
2. The changeable KaVo spray microfilter optimises spray cooling and reduces service costs.
3. The automatic pressure regulation valve for turbines grants high moment of force and long service life.
4. The patented head and knee angles of 100° and 19° for KaVo handpieces grant optimal access to the preparation area.
5. 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:

1. 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.
2. Protection of your investment is significantly increased by the long term availability of spare parts.
3. 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:

1. 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.
2. 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.

More than 5 million handpieces sold worldwide.
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/durability 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. Highest price/durability 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 warranty 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 savings** from KaVo compatible system solutions, e.g. switch to KaVo MULTILED, with ongoing availability of replacement parts

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 equipment efficiency

- **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

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

Made in Germany

Durability at an unbeatable price!
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 suck back effect 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 patented KaVo 100° / 19° head / knee angle combination
> Efficient handling thanks to MULTIflex coupling and ceramic bearings
Mat. no. 1.007.3197 (E680 L) with light
Mat. no. 1.007.3190 (E680 D) without light
Mat. no. 1.007.4600 (E680 LD) with light, for Sirona coupling
Mat. no. 1.006.4500 (E680 UN) with light, for NSK coupling

EXPERTtorque Mini E677

> Easier working in tighter treatment areas thanks to the new even smaller miniature head and the patented KaVo 100° / 19° head / knee angle combination
> Efficiency combined with improved infection control thanks to the new 3-port spray, improved suck back effect when the turbine runs down, and the new replaceable spray water filter
> Better view 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

> More flexibility, thanks to compatible connections for many handpieces
> Cost-efficient with high savings, since no new purchase of LED equipment is required; simply replace the bulb with a KaVo MULTI LED
For all KaVo turbines with MULTIflex connections, SONICflex Airscaler, PROPHYflex, CORONAflex, all INTRAflex LUX motor instruments, air rotor 181 M, RONDOflex
Mat. no. 1.007.3197

KaVo speed-increasing handpieces

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

EXPERTmatic E677

> Easier working in tighter treatment areas thanks to the new even smaller miniature head and the patented KaVo 100° / 19° head / knee angle combination
> Efficiency combined with improved infection control thanks to the new 3-port spray, improved suck back effect when the turbine runs down, and the new replaceable spray water filter
> Better view 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

> More flexibility, thanks to compatible connections for many handpieces
> Cost-efficient with high savings, since no new purchase of LED equipment is required; simply replace the bulb with a KaVo MULTI LED
For all KaVo turbines with MULTIflex connections, SONICflex Airscaler, PROPHYflex, CORONAflex, all INTRAflex LUX motor instruments, air rotor 181 M, RONDOflex
Mat. no. 1.007.3197

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

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

- Reinforced chuck system in all handpieces with contra-angle bur shaft
- Optimised bur cooling by separated spray air / spray water channels
- Push-button chuck (except E31 C and E61 C)

### 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. 1.007.5530 (E15 L) with light
Mat. no. 1.007.5531 (E15 C) without light

### EXPERTmatic E15 L
- Step-down ratio: 5.4:1
- All the efficiency benefits of the EXPERTmatic E20 L, including single spray and spring loaded alignment lug

Mat. no. 1.007.5540 (E20 L) with light
Mat. no. 1.007.5541 (E20 C) without light

### EXPERTmatic E61 C
- EVA-Prophy contra-angle
- For the EVA system
- Perfect for polishing of interdental spaces, approximal enamel reduction etc.
- Attenuated lift 0.8mm
- Precise fixation of files thanks to 36 snap-in positions

Mat. no. 1.008.4998 (E31 C)

### 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 L) with light
Mat. no. 1.007.5561 (E10 C) without light

### EXPERTmatic E31 C
- Polishing contra-angle, Step-down ratio: 5.4:1
- Head is specially insulated against the ingress of polishing paste
- With threaded chuck and mandrel
- For screw-in and snap-on cups

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 rotor
- Semi-automated care programme – according to a rota system
  Mat. no. 0.411.7710

KaVo Spray
- Manual handpiece / turbine care
- Effectively preserves value
  Mat. no. 0.411.3640

KaVo CLEAN spray / DRY spray starter set
- Intensive cleaning for removal of residual protein
  Mat. no. 1.007.0673

You know what you want.
We have what you need.
The KaVo handpieces series – the perfect handpieces for every dentist.

KaVo Master Series
A true master knows no compromise.

KaVo Expert Series
Trend-setting efficient.

KaVo Smart Series
A smart mind knows the difference.

Best treatment quality
Maximum treatment comfort
Highest patient satisfaction

Highest price/durability efficiency
Maximum work efficiency
Proven equipment efficiency

Entry level price offering access to the KaVo world
Sound basic configuration
Made by KaVo

For Prophylaxis and minimal invasive treatment
0.574.0500 DIAGNodent classic
1.002.4243 SONICflex 2003 L
1.002.4246 SONICflex 2003

Endo
1.002.6141 ENDODRE straight E 120
1.002.7561 ENDODRE straight E 40

Additional handpieces of the KaVo Expert Series.

Surgical handpieces
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
0.540.5660 INTRA surgical shank 3620 N
0.540.5670 INTRA surgical shank 3624 N
0.540.5680 INTRA surgical shank 3630 N
0.524.5610 INTRA surgical handpiece 3610 N2
0.524.5620 INTRA surgical handpiece 3610 N3
0.540.5660 INTRA surgical shank 3620 N
0.540.5670 INTRA surgical shank 3624 N
0.540.5680 INTRA surgical shank 3630 N
1.000.8072 Surgical motor INTRA S 550
1.001.3440 INTRA Surg 300
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KaVo EXPERTmatic E20 L
KaVo EXPERTmatic E15 L
KaVo EXPERTmatic E10 C