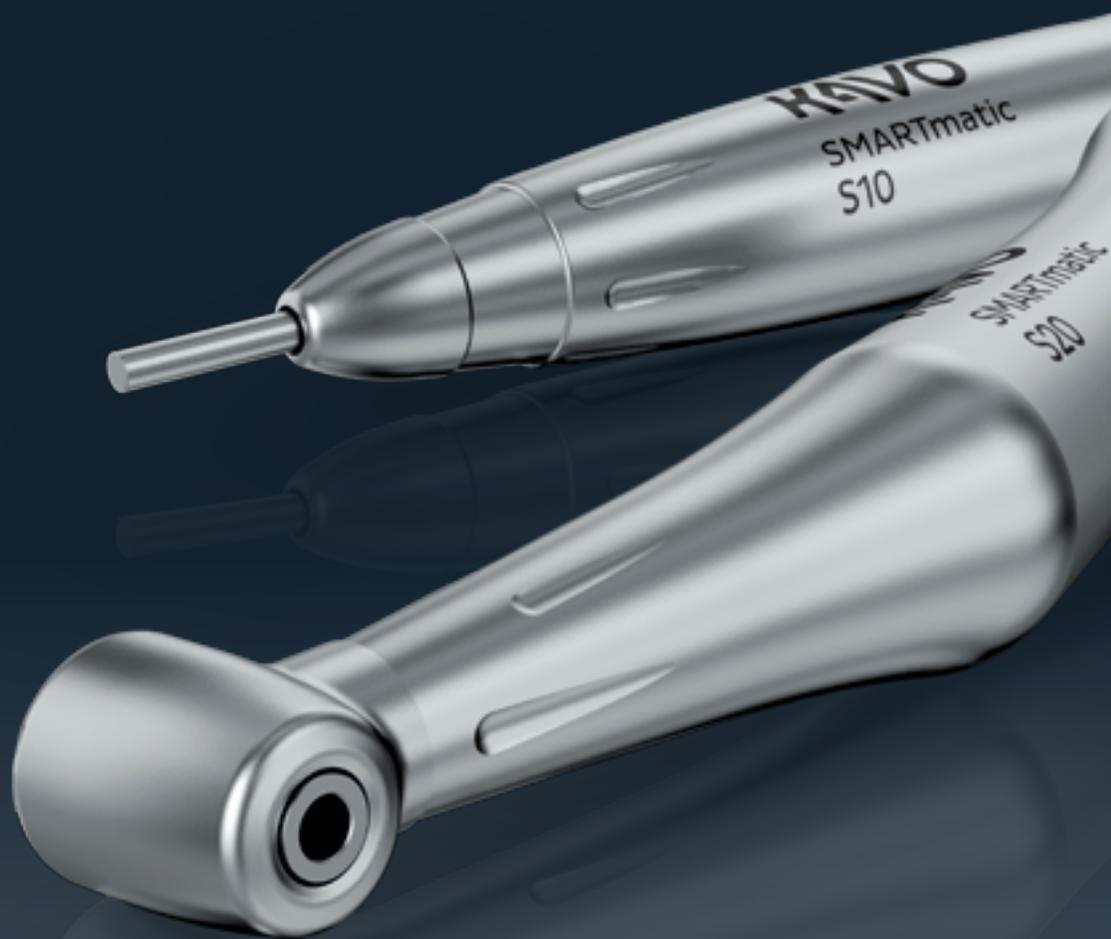


SMARTmatic™
The smart choice
for your practice.



Welcome to SMARTmatic!

The smart approach to Dental Excellence.

Since 1909, dental professionals around the world have trusted the quality and precision of KaVo instruments. The more than 5 million High-speed instruments, straight handpieces, and contra-angle low-speed handpieces sold worldwide are a testament to our promise: Dental Excellence.

The new SMARTmatic series unites KaVo's trusted quality with smart features for optimal ease of use and successful clinical outcomes. As a successor to the established INTRAmatic™ E / ES series, our SMARTmatic compliments the Master and Expert series to offer you a new, attractive entry into the world of KaVo.

MASTER
EXPERT
SMART



The KaVo SMARTmatic series is perfect for anyone wishing to combine the highest standards in reliability, a broad spectrum of treatment options, and amazing performance.

All SMARTmatic straight and contra-angle handpieces can be combined with any dental system.

SMARTmatic

An example of unparalleled quality: SMARTmatic S20 K for restorative work.



Smaller head
for a better view

Ceramic sliders within the clamping system
for enduring and secure tool holding

Rust-free stainless steel
for long-lasting durability

Extremely precise ball bearings
for a high degree of efficiency

Light-weight
for tireless working

Optimum balance
for precise treatment

SMARTmatic instruments offer a versatile portfolio for endodontics, restorative or prophylaxis treatment indications.

KaVo SMARTmatic offers you excellent benefits, including its durable, stainless steel craftsmanship, a small head design and more. KaVo quality has never been more affordable.

SMARTmatic is quality that you can see and feel.

SMARTmatic straight and contra-angle handpieces combine excellent conditions with amazing performance, reliability, versatility, and efficiency. Take a look for yourself.



Discover the many benefits of the SMARTmatic series.



Exceptional quality

Designed by the leading dental brand, known and trusted for over 110 years.

- Developed and tested in Germany to ensure the highest level of quality.
- Seamless surfaces for rapid cleaning and improved hygiene.



Versatile portfolio

Wide range of treatment options thanks to 15 unique instruments within this platform.

- Usable with air and electric motors (ISO 3694 / E-style) with internal or external spray options.
- Suitable for all requirements whether you are pursuing restorative, endodontic or prophylaxis treatment.



Premium materials

Rust-free stainless steel for long-lasting durability and low cost of ownership.



Smart design

Ergonomic design provides better visibility and balance for precise treatment.

- Extremely durable ball bearings for long-lasting smooth operation and a high degree of efficiency.
- Stainless steel construction leads to longer useful life, ultimately lowering your repair or replacement costs.

- Light-weight, perfectly balanced design.
- Small head dimensions enable the best view of the treatment area and precise work.

The SMARTmatic series

With its wide selection of instruments, KaVo SMARTmatic offers a range of possibilities for different dental applications.



SMARTmatic

S10 K

S20 K

S80 K

S19 K

S31 K

S10 S

S10

| | | | | | | | |
|--------------------------------------|--|-------------|-----------------|-----------|--|--|-------------|
| Primary indication(s) | Restorative | Restorative | Restorative | Prophy | Prophy | Restorative | Restorative |
| Spray | - | - | - | - | - | ✓ | - |
| Operating speed transmission | 1:1 | 1:1 | 1:1 | 8:1 | 8:1 | 1:1 | 1:1 |
| Maximum operating speed (rpm) | 40,000 | 40,000 | 40,000 | 20,000 | 20,000 | 40,000 | 40,000 |
| Chuck system | Latch type | Latch type | Friction grip | Doriot | Screw-in (Snap-on) | Latch type | Latch type |
| Part no. | 1011.6731 | 1011.6751 | 1011.6771 | 1011.6741 | 1011.6761 | 1011.6732 | 1011.6730 |
| Features | For straight handpiece and contra-angle burs | | Small head size | - | Sealing system to prevent intrusion of paste | For straight handpiece and contra-angle burs | |

Suitable for the following KaVo motor



INTRA™ 181 K
Air motor

Speed range up to 20,000 rpm, 4-hole connection, non-optic, forward / reverse speed adjustment. No water, no chip air.
Part no. 0535.5260



INTRA LUX 181 L
Air motor



S20 S



S20



S81



S321



S19



S31



S33



S53

| | | | | | | | |
|-------------|-------------|------------|------------|-----------|--------------------|---------------------------------|--------------|
| Restorative | Restorative | Endo | Endo | Prophy | Prophy | Prophy | Prophy, Endo |
| ✓ | - | - | - | - | - | - | - |
| 1:1 | 1:1 | 8:1 | 32:1 | 8:1 | 8:1 | 8:1 70° Oscillating rotation | |
| 40,000 | 40,000 | 40,000 | 40,000 | 20,000 | 20,000 | 20,000 | 20,000 |
| Latch type | Latch type | Latch type | Latch type | Doriot | Screw-in (Snap-on) | Screw-in (Snap-on) | Latch type |
| 1011.6752 | 1011.6750 | 1011.6780 | 1011.6790 | 1011.6740 | 1011.6760 | 1011.6800 | 1011.6810 |

Small head size

-

-

-

Sealing system to prevent intrusion of paste

Usable with polishing and root canal instruments

Speed range from 5,000 to 20,000 rpm, forward / reverse adjustment, field exchangeable halogen bulb. Part no. 0535.5210



INTRA LUX KL 703 LED Electric motor

Brushless motor, speed range from 100 to 40,000 rpm, sterilizable, field exchangeable LED bulb. Part no. 1007.0150

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.

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