The KaVo Advantage
Your guide to KaVo innovations
Over a Century of Dental Excellence

Innovation and quality are traditions that have kept KaVo at the forefront of the dental industry for more than 100 years. The company was founded in 1909 by Alois Kaltenbach in Berlin-Steglitz. It became known as Kaltenbach & Voigt (KaVo) when Richard Voigt joined the company in 1919 and is now a trusted partner for dentists and dental technicians worldwide.

KaVo’s continued commitment to advancing dental technology for the betterment of your practice drives us every day. It is innovation and our passion for quality that has fueled our steady growth and world-wide recognition. You can see the outcome in our revolutionary new products, such as the COMFORTdrive, DIAGNOdent, MASTERtorque, and innovative programs such as TryKaVo.com. We believe these products, and our entire portfolio, are the best in the industry and we encourage you to experience KaVo for yourself.

Introducing the ELECTROmatic™ systems

2017

KaVo ELECTROmatic systems are designed to make electrics easy without compromising performance. ELECTROmatic features constant torque, controlled speed and quiet operation, making the transition to electric handpieces easier than ever! Three distinct options in the ELECTROmatic series — ELECTROmatic, ELECTROmatic Plus and ELECTROmatic Premium — offers the versatility to choose the right system to fit your treatment needs.
KaVo History

1909
In 1909, KaVo is founded by Alois Kaltenbach and in 1919 Richard Voigt joins the company.

1928
In 1928, the first sterilizable handpiece is created by KaVo.

1958
In 1958, KaVo launches its first turbine called Borden-Air 60.

1977
In 1977, the KaVo MULTiflex™ is the first quick-release coupling.

1982
In 1982, KaVo integrates the first light conductors into turbines.

2005
In 2005, KaVo launches GENTLEsilence™ LUX 6500 B – one of the quietest turbines in the world.

2006
In 2006, KaVo introduces the revolutionary DIAGNoent™ caries detection aid.

2009
In 2009, KaVo designs the COMFORTdrive™ – KaVo’s most innovative high-speed system.

2012
In 2012, KaVo introduces INTRAmatic LUX KL703 Short Motor, one of the shortest and lightest electric motors.

2014
In 2014, KaVo launches the new surgical portfolio featuring the MASTERsurg™ and EXPERTsurg™ – simple and intuitive surgical motors, redefining the best.

2015
In 2015, KaVo designs the MASTERtorque™ MB900 L, one of world’s most powerful and advanced high-speed turbines is introduced.

2017
KaVo and Kerr combine forces to improve the customer support we offer dental practices. Now the same Territory Sales Managers who represent KaVo Handpieces also represent Kerr Rotary products.

2017
In 2017, SMARTmatic instruments offer a versatile portfolio for endodontics, restorative or prophylaxis treatment indications.
Welcome to the KaVo Advantage

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, low-speed handpieces sold worldwide are a testament to our promise: Dental Excellence.

Our vast line of quality handpieces showcases our attention to your level of care while delivering performance that lasts. It is our passion for excellence that enables us to deliver the best air-driven, electric and surgical systems worldwide.

Using Kerr Rotary with KaVo handpieces can allow you to synchronize your technique and ensure good clinical outcomes (learn more on page 6).
KaVo and Kerr designed to perform together.

KaVo Kerr is now combining forces to improve the customer support we offer dental practices. Now the same Territory Sales Managers who represent KaVo Handpieces also represent Kerr Rotary products. From restoration to root canals, we know you work with dozens of products a day that allow you to perfect your craft. Prep to finish, our versatile portfolio of rotary products empowers you to get precise results—every time. Below we highlight some of our most popular Kerr Rotary products.

View the entire collection: go.kavokerr.com/rotary or call 877-685-1484
Finishing Strips

**SmartStrip™**
- Easy interproximal reduction
- One-handed operation
- Easy access to tight anterior and posterior spaces
- Large grinding surface and improved working view*
- Autoclavable, multiple-use device

| Grit | Serrated
|------|----------|
| THICKNESS* (mm) | 0.05
| MFG. NO. | SS-SS

**Kerr Standard Diamond Finishing Strips**
- Narrow (FS2 Series - 2.5 mm wide by 147 mm long) most popular
  (FS2-M, FS2-F, FS2-SF)
- Wide (FS3 Series - 3.75 mm wide by 147 mm long) - assorted pack - (FS32-SFMX)
- Serrated (FS3-X Wide Serrated Series - 3.75 mm wide by 147 mm long)
  (FS3-MX, FS3-FX, FS3-SFX) Perforated (2.5 - 4.0 mm wide by 150 mm long) - assorted pack - (FSP42-SFMX)

Polishers

**CeraGlaze™ – Porcelain, Lithium– Disilicate, Zirconia Polisher**
First, pre-polish with the green CeraGlaze™ which removes scratches from the surface. This polisher can also be used in place of a diamond to make minor adjustments.

Next, use the blue refining CeraGlaze™ to achieve a lustrous shine and prepare the surface for the final high shine step.

**ProGloss™ – One Step Composite Polisher**
Half the Time With No Compromise.
- Advanced formulations designed for today’s composite materials
- Multiple use – One Step Polisher – Reduces chair time
- Flexible design for control and contact with the polishing surface

**OptiDisk™**

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Office Organization

**Custom Cabinet Organizers & Wall Charts**
Custom cabinet and drawer organizers come labeled with your Kerr Dental and Dealer product codes. A product image and color coded tabs make finding the correct bur easier.

**Features:**
- Store and organize rotary instruments of all sizes
- Great for any size dental office or laboratory
- Organizers are labeled with your product codes
- Organizers can be mounted on the wall
- Large contains 39 drawers
- Medium contains 22 drawers
With the introduction of KaVo’s new MASTERmatic handpieces, KaVo now offers a comprehensive electrics upgrade system. By combining KaVo’s smallest head size for best access and visibility, a reliable 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 Master Series premium electric handpieces feature a tripe-gear system for smooth, reliable operation and patented angles for superior access.

The COMFORTdrive 200XDR is KaVo’s most innovative handpiece - offering a blend of optimal performance and superior ergonomics with whisper quiet operation.

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.
Smart Series

Versatile portfolio

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

Electric Systems

Efficient performance

KaVo’s ELECTROmatic™ system can be used for virtually any high- and low-speed procedure today. KaVo’s KL703 LED short, light-weight motor and selection of ELECTROmatic systems provides you with the ideal solution for exceptional performance.

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

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
**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.
### MASTERmatic Attachments

<table>
<thead>
<tr>
<th>MASTERmatic</th>
<th>M25 L</th>
<th>M05 L</th>
<th>M20 L</th>
<th>M07 L</th>
<th>M29 L</th>
<th>M10 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASTERmatic version</td>
<td>High-speed Attachment</td>
<td>High-speed Attachment</td>
<td>Low-speed Contra-angle</td>
<td>Low-speed Contra-angle</td>
<td>Low-speed Contra-angle</td>
<td>Straight Attachment</td>
</tr>
<tr>
<td>Transmission type</td>
<td>Speed Increasing 1:5</td>
<td>Speed Increasing 1:5</td>
<td>1:1</td>
<td>Reduction 2.7:1</td>
<td>Reduction 7.4:1</td>
<td>1:1</td>
</tr>
<tr>
<td>Part no.</td>
<td>1009.3630</td>
<td>1009.3640</td>
<td>1009.3620</td>
<td>1009.3610</td>
<td>1009.3580</td>
<td>1009.3570</td>
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</tbody>
</table>

**Suitable for the following KaVo Electrics System**

**ELECTROMatic Premium with KL703 motor standard tube (69 inch)**
- Part no. 1012.8545 — 1 x KL703
- Part no. 1012.8547 — 2 x KL703

### INTRA LUX Heads

<table>
<thead>
<tr>
<th>INTRA LUX</th>
<th>L68 B</th>
<th>L80</th>
<th>L67</th>
<th>L66 B</th>
<th>L53</th>
<th>L3</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRA LUX version</td>
<td>Operative Latch</td>
<td>Operative Friction Grip</td>
<td>Operative Latch</td>
<td>Endodontics Latch</td>
<td>Endodontics</td>
<td>Endodontics</td>
</tr>
<tr>
<td>Transmission type</td>
<td>1:1</td>
<td>1:1</td>
<td>2:1 Reduction</td>
<td>3:1 Reduction</td>
<td>90° Oscillating</td>
<td>90° Oscillating</td>
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<tr>
<td>Part no.</td>
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<td>1004.4456</td>
<td>1008.1832</td>
<td>1008.1831</td>
<td>1008.1826</td>
<td>1008.1830</td>
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</tbody>
</table>

**Suitable for the following KaVo Electrics System**

**ELECTROMatic Premium with KL703 motor standard tube (69 inch)**
- Part no. 1012.8545 — 1 x KL703
- Part no. 1012.8547 — 2 x KL703

### INTRA LUX Attachments

<table>
<thead>
<tr>
<th>INTRA LUX</th>
<th>L3 Y</th>
<th>L61 G</th>
<th>L61 R</th>
<th>L62</th>
<th>L52</th>
<th>L31</th>
<th>L22</th>
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<tbody>
<tr>
<td>INTRA LUX version</td>
<td>Endodontics</td>
<td>Ortho / Perio / Endo</td>
<td>Ortho / Perio / Endo</td>
<td>Endodontics Latch</td>
<td>Mini Latch</td>
<td>Prophy</td>
<td>Micro</td>
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<tr>
<td>Transmission type</td>
<td>Specialty</td>
<td>Axial stroke (3:1)</td>
<td>Axial stroke (3:1)</td>
<td>10:1 Reduction</td>
<td>1:1</td>
<td>2:1 Reduction</td>
<td>1:1</td>
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<tr>
<td>Part no.</td>
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<td>1008.1828</td>
<td>1008.1829</td>
<td>1008.1830</td>
<td>1008.1825</td>
<td>1008.1824</td>
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### EXPERTmatic Attachments

<table>
<thead>
<tr>
<th>EXPERTmatic</th>
<th>E25 L</th>
<th>E25 C</th>
<th>E20 L</th>
<th>E20 C</th>
<th>E15 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPERTmatic version</td>
<td>High-speed Attachment</td>
<td>Non-Optic High-speed</td>
<td>Low-speed Attachment</td>
<td>Non-Optic Low-speed</td>
<td>Low-speed Attachment</td>
</tr>
<tr>
<td>Transmission type</td>
<td>Speed increasing 1:5</td>
<td>Speed increasing 1:5</td>
<td>1:1</td>
<td>1:1</td>
<td>Reduction 5.4:1</td>
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<tr>
<td>Part no.</td>
<td>1007.5550</td>
<td>1007.5551</td>
<td>1007.5540</td>
<td>1007.5541</td>
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</table>

<table>
<thead>
<tr>
<th>EXPERTmatic</th>
<th>E15 C</th>
<th>E31 C</th>
<th>E61 C</th>
<th>E10 C</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPERTmatic version</td>
<td>Non-Optic Low-speed</td>
<td>Prophy</td>
<td>Ortho / Perio / Endo</td>
<td>Non-Optic</td>
</tr>
<tr>
<td>Transmission type</td>
<td>Reduction 5.4:1</td>
<td>Reduction 5.4:1</td>
<td>Axial stroke (3:1)</td>
<td>1:1</td>
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<tr>
<td>Part no.</td>
<td>1007.5531</td>
<td>1008.4998</td>
<td>1008.4999</td>
<td>1007.5560</td>
</tr>
</tbody>
</table>

### COMFORTdrive

- **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

### ELECTROmatic Plus with with KL703 motor standard tube (69 inch)

- **Part no.**: 1012.8541

### COMFORTbase coupling

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

See pages 11-12 for SMART series attachments
Air-driven collection

KaVo's MASTERtorque premium air-driven handpieces feature superlative performance with up to 20% more power than KaVo's previous generation high-speed. Our patented design offers superior access and visibility, especially in the posterior. The extremely well-balanced turbines create whisper quiet operation that protects your hearing and helps create a more relaxing environment for all.

High-speed
Master Series

The pinnacle of KaVo innovation
Featuring the MASTERtorque handpiece with unique Direct Stop Technology™ for improved bur control and reduced drawback of contamination. Now with even higher power and same low noise level for the highest treatment quality and patient comfort.

High-speed
Expert Series

Superior KaVo performance
Featuring EXPERTtorque™ E679 L standard head and E675 L mini head handpieces with new innovative design and EXPERTgrip™. The KaVo Expert Series collection's quality air driven handpieces are powerful, smooth and quiet.
High-speed Smart Series

Reliable and affordable technology
Featuring SMARTtorque™ LUX 5619 L standard head and S615 L mini head handpieces. Enjoy faster and smoother cutting for preparations. The Smart series turbine dental handpieces provide reliable performance during crown and bridge preparations.

Low-Speed Smart Series

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

Start your free trial try.kavo.com/air-driven
## Master and Expert Series

### MASTERtorque High-speeds

<table>
<thead>
<tr>
<th>Head size</th>
<th>Features</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD</td>
<td>23 Watts of power, Direct Stop Technology</td>
<td>1008.7800</td>
</tr>
<tr>
<td>MINI</td>
<td>19 Watts of power, Direct Stop Technology</td>
<td>3001.0000</td>
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</tbody>
</table>

### EXPERTtorque High-speeds

<table>
<thead>
<tr>
<th>Head size</th>
<th>Features</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD</td>
<td>Ceramic bearings, EXPERTgrip</td>
<td>1006.9200</td>
</tr>
<tr>
<td>MINI</td>
<td></td>
<td>1006.6400</td>
</tr>
</tbody>
</table>

Use with any of the following KaVo MULTIflex Couplers:

- **465LED MULTIflex LUX Coupler**
  Part no. 1007.3197
- **465LRN MULTIflex LUX Coupler**
  Part no. 0553.1550
- **460LED MULTIflex LUX Coupler**
  Part no. 1007.3201
- **460LE MULTIflex LUX Coupler**
  Part no. 1001.7599

**KaVo MULTI LED Bulb**
Part no. 1007.5372
Smart Series

SMARTtorque High-speeds

<table>
<thead>
<tr>
<th>Head size</th>
<th>Features</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Optimum balance of speed and torque</td>
<td>1008.1641</td>
</tr>
<tr>
<td>Mini</td>
<td>Non-optic</td>
<td>1008.1643</td>
</tr>
<tr>
<td>Standard</td>
<td></td>
<td>1008.1644</td>
</tr>
<tr>
<td>Mini</td>
<td></td>
<td>1008.1645</td>
</tr>
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</table>

SURGtorque™ High-speeds

<table>
<thead>
<tr>
<th>Head size</th>
<th>Features</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>19 Watts, single port water with no spray</td>
<td>3000.4808</td>
</tr>
<tr>
<td>Standard</td>
<td></td>
<td>3000.5063</td>
</tr>
</tbody>
</table>

1390 MULTiflex LUX Coupler
Part no. 0553.1390

457 MULTiflex Coupler
Part no. 0553.1210
SMARTmatic Low-sounds

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.

Optimized for CDC Compliance
SMARTmatic’s one-piece handpiece sleeve is critical to reduce the number of steps required for proper (CDC compliant) cleaning and sterilization. Other handpieces have multiple pieces that need to be disassembled before sterilization or rough/ringed areas that make cleaning difficult.

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.

Start your free trial try.kavo.com/SMARTmatic
NEW

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

- 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.

**Smart design**
Ergonomic design provides better visibility and balance for precise treatment.

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

### SMARTmatic Attachments

**Table:**

<table>
<thead>
<tr>
<th>SMARTmatic</th>
<th>$S10\ K$</th>
<th>$S20\ K$</th>
<th>$S80\ K$</th>
<th>$S19\ K$</th>
<th>$S31\ K$</th>
<th>$S10\ S$</th>
<th>$S10$</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary indication(s)</strong></td>
<td>Restorative</td>
<td>Restorative</td>
<td>Restorative</td>
<td>Prophy</td>
<td>Prophy</td>
<td>Restorative</td>
<td>Restorative</td>
</tr>
<tr>
<td><strong>Spray</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Operating speed transmission</strong></td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
<td>8:1</td>
<td>8:1</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td><strong>Maximum operating speed (rpm)</strong></td>
<td>40,000</td>
<td>40,000</td>
<td>40,000</td>
<td>20,000</td>
<td>20,000</td>
<td>40,000</td>
<td>40,000</td>
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<tr>
<td><strong>Chuck system</strong></td>
<td>Latch type</td>
<td>Latch type</td>
<td>Friction grip</td>
<td>Doriot</td>
<td>Screw-in (Snap-on)</td>
<td>Latch type</td>
<td>Latch type</td>
</tr>
<tr>
<td><strong>Part no.</strong></td>
<td>1011.6731</td>
<td>1011.6751</td>
<td>1011.6771</td>
<td>1011.6741</td>
<td>1011.6761</td>
<td>1011.6732</td>
<td>1011.6730</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>For straight handpiece and contra-angle burs</td>
<td>Small head size</td>
<td>-</td>
<td>Sealing system to prevent intrusion of paste</td>
<td>For straight handpiece and contra-angle burs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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. **Sterilizable**
- Part no. 0535.5260

### INTRA 181 H Air motor

- Speed range up to 20,000 rpm, 4-hole connection, non-optic, forward / reverse speed adjustment. **Sterilizable**
- Part no. 0535.5200
INTRA LUX 181 L Air motor
Speed range from 5,000 to 20,000 rpm, forward / reverse adjustment, field exchangeable halogen bulb. **Sterilizable**.
Part no. 0535.5210

INTRA LUX KL 703 LED Electric motor
Brushless motor, speed range from 100 to 40,000 rpm. Field exchangeable LED bulb. **Sterilizable**
Part No. 1007.0150
**QUATTROcare™ PLUS**

**Handpiece Maintenance System**

**Easy to use**
The user-friendly QUATTROcare Plus system is designed to clean, lubricate and purge your instruments with the simple push of a button. Loading and operation is easy as well as the automatic care and maintenance procedure.

**Safe, controlled cleaning**
Reduce errors with visual and audio signals during the completely controlled cleaning and purging procedure. With a front-loading enclosed maintenance chamber, the entire process is hygienic and thus eliminates mishandling or insufficient care and maintenance.

**Economical investment**
Using the QUATTROcare Plus system means less wear, less repairs, less staff down time, smoother operation, and increased longevity of your handpieces – what an excellent return on investment! The QUATTROcare Plus can be used for virtually all manufacturers’ high-speeds, low-speed contra-angles, straight handpieces, air driven scalers, and air motors.

**Fast cleaning cycle**
Up to four (4) handpieces or air motors are cleaned, lubricated and purged in the same cycle. Flexible programming allows you to choose and set total cycle time from 20-45 seconds per handpiece. Handpieces can be sterilized immediately after maintenance cycle; there is no need for separate purging of the handpiece.

**Chuck care maintenance**
New chuck care system provides easy maintenance of handpiece chuck.

**Easy As...**

1. Position the instruments
2. Close the door
3. Press Start
Step 1—Scaling

Tenacious calculus requires thorough, yet gentle removal. One of the most powerful scalers in its class, the KaVo SONICflex Quick 2008 L easily conquers tough challenges.

Step 2—Tooth Cleaning

Your patients see success immediately. The next step is about preventing caries, periodontitis and gingivitis. The main causes of these oral indicators, such as biofilm, deposits from smoking and discolorations from coffee and tea can be easily removed with the KaVo PROPHYflex 3 air polishing device.

Step 3—Tooth Polishing

For a great finish to every professional tooth cleaning, the final polish and seal of the enamel is essential. The PROPHYwiz is an ultra-light, well-balanced handpiece that minimizes hand fatigue – making polishing easy and more enjoyable.

Step 4—Caries Detection

The DIAGNOdent pen will show you where the decay lies. It works quickly and reliably. The laser fluorescence detector within the DIAGNOdent pen is a precise method for identifying fissure caries, proximal caries and periodontitis. The wireless display ensures additional comfort, with a large status and measurement display.
KaVo Hygiene

KaVo Hygiene is a complete solution which helps you provide your patients with great dental care. Start the hygiene workflow with the SONICflex Scaler for scaling, then PROPHYflex for tooth cleaning, PROPHYwiz for tooth polishing, and DIAGNOdent for caries and sub-gingival calculus detection.
STEP 1 - SCALING
SONICflex system

The right fit for every use.
The wide range of options offered by
the SONICflex will soon make it one of
your most-used instruments. Choose
the right tip for your needs from the
wide range of options.

- Over 50 different tips
- Three performance settings - optimum
  working conditions, for every indication
- Connects to KaVo MULTIflex coupler -
  no additional equipment or foot
  control necessary

hygiene

endodontics

preps

minimally
invasive dentistry

Start your free trial try.kavo.com/SONICflex
STEP 2 - TOOTH CLEANING
PROPHYflex 3

PROPHYflex 3
The KaVo PROPHYflex 3 portable air cleaning system that is effective and easy to use. Simply connect the handpiece to the MULTIflex coupler for a quick disconnect and optimal portability. When the rheostat is depressed, air flows directly to the powder chamber. The air mixes with the powder and flows to the end of the tip. At the same time, water – strictly separated from the air/powder mixture - exits the tip. There, the water surrounds the powder/air mixture providing effective cleaning and patient satisfaction.

PROPHYpearls™ Cleaning Powder
PROPHYpearls roll away stains, plaque and calculus gently and powerfully. As they optimize cleaning performance, PROPHYpearls are gentler to sound tooth structure, thereby avoiding surface damage. This advanced calcium carbonate powder provides faster cleaning and your patients will appreciate the non-salty taste.
STEP 3 - TOOTH POLISHING

PROPHYwiz 181P and SMARTmatic low-speeds

**PROPHYwiz**

If you would like the most comfortable polishing handpiece to maximize productivity and make polishing easier and more enjoyable, this is the right choice for you. The handpiece runs smoothly and quietly to optimize patient comfort. PROPHYwiz is an affordable and easy integration experience.

**SMARTmatic low-speed Hygiene Handpieces**

High performing systems for low-speed applications. KaVo’s SMARTmatic PROPHY S19K and PROPHY S31 K are easy to use ergonomic and light-weight handpieces for tooth polishing. The durable hygienic coating allows for better handling and performance.

**INTRA 181 K Air Motor**

Perform all your low-speed hygiene needs with the versatile 181 K motor. Paired with the SMARTmatic series attachments, the 181 K air motor runs smooth over its entire speed range up to 20,000 rpm.
STEP 4 - CARIES DETECTION
DIAGNOdent pen

How the DIAGNOdent Works
The DIAGNOdent uses laser fluorescence to aid in the detection of caries within the tooth structure. As the incident laser light is dispersed into the site, carious tooth structure will exhibit fluorescence, proportionate to the degree of caries, resulting in elevated scale readings on the display. Clean healthy tooth structure exhibits little or no fluorescence and will result in very low scale readings on the display.

Proven Clinical Results
Treatment decisions require a higher degree of certainty. The DIAGNOdent laser caries detection aid removes the doubt from treatment decisions regarding hidden caries or questionable stained grooves. The device’s ability to see into occlusal pits and fissures enables dentists to treat subsurface carious lesions with confidence.
Surgical Systems

The New KaVo Surgical portfolio redefines the best. They are simple, intuitive and easy to use with large color screens and pictorial guides for step-by-step implant procedures. The units offer intelligent power and precise torque. Discover KaVo's MASTERsurg and EXPERTsurg.

Master Series

MASTERsurg LUX Wireless
Simple, intuitive programming, touchscreen, and wireless foot control make MASTERsurg a comfortable system to use while delivering maximum performance and safety. Easily customize up to 10 programs, each with 10 individually programmable steps.

Expert Series

EXPERTsurg LUX
One touch auto calibration guarantees precise speed and torque for maximum safety. Easy to use color display makes EXPERTsurg easy to operate saving you time to perform at your best.

Start your free trial try.kavo.com/surgical-systems
**Low-Speed Flexible comfort**
The wireless foot control for MASTERSurg LUX creates comfort allowing you to position in a convenient location eliminating cords and fixed treatment positioning.

**Performance**
Experience exceptional performance thanks to KaVo’s S600 LED, one of the world’s lightest and smallest surgical micro motors.
KaVo Surgical instruments for oral surgery and implantology

**Surgical Attachments**

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<th>SURGmatic</th>
<th>CL 10</th>
<th>3610N1</th>
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<td>1:1 Transmission EXPERTgrip</td>
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<tr>
<td>Use with straight or contra-angle burs</td>
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<tr>
<td>Surgical straight attachment easily dismantled for cleaning</td>
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**MASTERsurg LUX Wireless**

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<td>20:1 Reduction</td>
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<td>EXPERTgrip</td>
<td>Hexagon clamping</td>
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EXPERTsurg LUX
Part no. 1008.3500
Combining 225 years of experience and innovation, KaVo and Kerr have joined forces to form a single company—KaVo Kerr. We are committed to providing you with innovative solutions to meet all of your practice needs, supporting you and your staff as you grow and thrive, and collaborating with you to ensure a bright future for dentistry.

KaVo has built an outstanding reputation among dental professionals with our broad product portfolio, including imaging, treatment units, instrumentation, laboratory equipment, and educational aids. Customers around the world have experienced KaVo’s ongoing commitment to Dental Excellence.

Providing comprehensive, best-in-class, patient-based solutions through our many individual brands—Kerr Restoratives, Kerr Endodontics, Kerr Rotary, and Kerr TotalCare—Kerr believes in partnering with those we serve because—together, we’re more.

As KaVo Kerr, we unite those individual aspirations into one solution that will support you on your path to success.
KaVo Kerr Preferred

Everyone at KaVo Kerr appreciates the opportunity to partner with you as you work to grow your practice, expand the dental profession, and care for your patients. One way we can thank you for that opportunity is to make sure you know how valued you are. With KaVo Kerr Preferred, we make it possible for your practice to earn, track, and redeem rewards based on your purchase of KaVo Kerr products.

Loyalty Program

Three Easy Steps

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2. **Earn** points by purchasing KaVo Kerr products
3. **Redeem**
   - KaVo and Kerr products
   - Continuing education tuition
   - Cash-back check
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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