

**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.



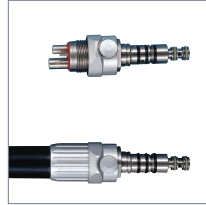
## 1928

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



## 1958

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



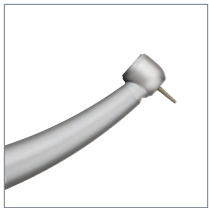
## 1977

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 DIAGNOdent™ 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.



## 2014

In 2014, the KaVo MASTERtorque™ M8900 L, one of world's most powerful and advanced high-speed turbines is introduced.



## 2015

In 2015, KaVo designs the MASTERtorque M8700 L and also launched the MASTERmatic™ series, with significant improvements in head size.



## 2017

In 2017, KaVo reveals a new, modern logo and with a rebranding that emphasizes KaVo's position in dentistry as a global technology and equipment leader.



## 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.

MASTER

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EXPERT

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SMART

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DIAMONDS

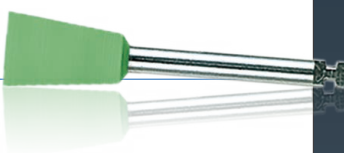
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CARBIDES

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POLISHERS

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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](http://go.kavokerr.com/rotary) or call 877-685-1484

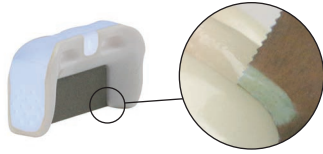
Diamonds										
REF NO.	<b>368</b>	<b>379</b>	<b>379</b>	<b>392</b>	<b>801</b>	<b>856</b>	<b>856</b>	<b>856</b>	<b>856</b>	<b>862</b>
Ø 1/16 mm	023	018	023	023	023	014	016	018	025	012
LG mm	5.0	3.5	4.5	4.5	2.3	8.0	8.0	8.0	8.0	8.0
TIP Ø mm						1.0	1.25	1.5	2.0	
Turbo	SC368-023		SC379-T-023			SC856-T-014	SC856-T-016	SC856-T-018	SC856-T-025	SC862-T-012
Supercoarse	SC368-023	SC379-018	SC379-023		SC801-023	SC856-014	SC856-016	SC856-018	SC856-025	SC862-012
Coarse	C368-023	C379-018	C379-023		C801-023	C856-014	C856-016	C856-018	C856-025	C862-012
HP shank					C801-023HP				C856-025HP	
Medium	M368-023	M379-018	M379-023	M392-016	M801-023	M856-014	M856-016	M856-018	M856-025	M862-012
FGL shank	M368-023FGL		M379-023HP							
HP shank	M368-023HP		M379-023FGL		M801-023HP		M856-016HP			
Fine	F368-023	F379-018	SF379-023	F392-016	F801-023	F856-014	F856-016	F856-018	F856-025	F862-012
FGL shank	F368-023FGL		F379-023FGL							
Superfine	SF368-023	SF379-018	SF379-023	SF392-016	SF801-023	SF856-016	SF856-016			F862-012
UltraFine	UF368-023	UF379-018	UF379-023							UF862-012

Carbide – Trimming and Finishing											
REF NO.	<b>H134</b>	<b>H135</b>	<b>H246</b>	<b>H246</b>	<b>H379</b>	<b>H379</b>	<b>H379</b>	<b>H48L</b>	<b>H48L</b>	<b>H7406</b>	<b>H7901</b>
Ø 1/16 mm	014	014	009	010	014	018	023	010	012	018	009
LG mm	6.0	9.0	3.6	3.6	3.5	3.5	4.2	8.0	8.0	3.7	3.8
8 Flutes	H134-014	H135-014									
12 Flutes			H246-009	H246-010	H379-014	H379-018	H379-023	H48L-010	H48L-012	H7406-MW	H7901-MW
16 Flutes	H134-014F	H135-014F					H379-023F		H48L-012F		
30 Flutes	H134-014UF	H135-014UF			H379-014UF	H379-018UF	H379-023UF		H48L-012UF		

Carbide – Operative								
REF NO.	<b>H245</b>	<b>H330</b>	<b>H331</b>	<b>H4</b>	<b>H556</b>	<b>H557</b>	<b>H6</b>	<b>H8</b>
Ø 1/16 mm	008	008	010	014	009	010	018	023
LG mm	2.0	1.6	1.7	1.4	4.2	4.2	1.8	2.3
1 or 2 piece	2	2	2	2	2	2	2	2
FG	H245-FG	H330-FG	H331-FG	H4-FG	H556-FG	H557-FG	H6-FG	H8-FG
FG 100-pack	H245-FG100	H330-FG100	H331-FG100	H4-FG100	H556-FG100	H557-FG100		
FG SS	H245-FGSS	H330-FGSS	H331-FGSS	H4-FGSS	H556-FGSS	H557-FGSS	H6-FGSS	
RA				H4-RA		H557-RA	H6-RA	H8-RA
RA 100-pack				H4-RA100			H6-RA100	H8-RA100
FG SG				H4-FGSG		H557-FGSG	H6-FGSG	H8-FGSG
RA SG				H4-RASG		H557-RASG	H6-RASG	H8-RASG
HP				H1-014HP			H1-018HP	H1-023HP

**Kerr**  
ROTARY

## Finishing Strips



Grit  
THICKNESS\* (mm)

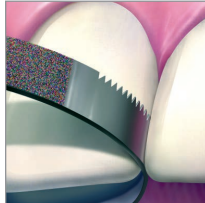
Serrated  
0.05

MFG. NO.

SS-SS

### 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



### 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 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.



	040	070	095
HEAD Ø 1/8 mm	9.5	9.4	6.2
LENGTH (mm)			
RA shank - 12 pk	P8001	P8002	P8003

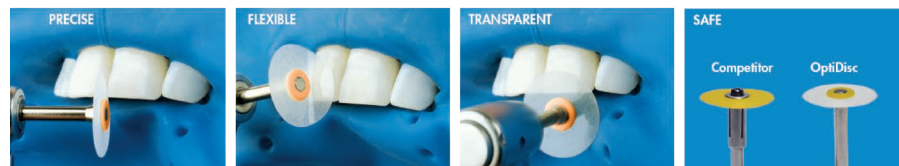
### ProGloss™ – One Step Composite Polisher

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™

**MOST POPULAR**



## 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
- Organizers are labeled with your product codes
- Great for any size dental office or laboratory
- Organizers can be mounted on the wall
- Large contains 39 drawers
- Medium contains 22 drawers

# Electrics collection

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

NEW

### 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

NEW

### 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](https://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.



ELECTROmatic



ELECTROmatic Plus

## 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](https://try.kavo.com/electrics)



NEW



ELECTROmatic Premium

### 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



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

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



INTRA LUX	L68 B	L80	L67	L66 B	L53	L3
<b>INTRA LUX version</b>	Operative Latch	Operative Friction Grip	Operative Latch	Endodontics Latch	Endodontics	Endodontics
<b>Transmission type</b>	1:1	1:1	2:1 Reduction	3:1 Reduction	90° Oscillating	90° Oscillating
<b>Part no.</b>	1008.1834	1004.4456	1008.1832	1008.1831	1008.1826	1008.1830



INTRA LUX	L3 Y	L61 G	L61 R	L62	L52	L31	L22
<b>INTRA LUX version</b>	Endodontics	Ortho / Perio / Endo	Ortho / Perio / Endo	Endodontics Latch	Mini Latch	Prophy	Micro
<b>Transmission type</b>	Specialty	Axial stroke (3:1)	Axial stroke (3:1)	10:1 Reduction	1:1	2:1 Reduction	1:1
<b>Part no.</b>	1008.1823	1008.1828	1008.1829	1008.1830	1008.1825	1008.1824	1008.1835

## EXPERTmatic Attachments



EXPERTmatic	E25 L	E25 C	E20 L	E20 C	E15 L
<b>EXPERTmatic version</b>	High-speed Attachment	Non-Optic High-speed	Low-speed Attachment	Non-Optic Low-speed	Low-speed Attachment
<b>Transmission type</b>	Speed increasing 1:5	Speed increasing 1:5	1:1	1:1	Reduction 5.4:1
<b>Part no.</b>	1007.5550	1007.5551	1007.5540	1007.5541	1007.5530



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

Suitable for the following  
KaVo Electrics System



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

Part no. 1012.8541

## COMFORTdrive



<b>Handpiece Model</b>	<b>COMFORTdrive 200 XDR</b>
<b>Speed range</b>	20,000 - 200,000 rpm
<b>Bur type</b>	Friction grip burs 1.6 mm
<b>Highlights</b>	Very lightweight and powerful - the most ergonomic KaVo handpiece
<b>Part No.</b>	1007.3570



### COMFORTbase coupling

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



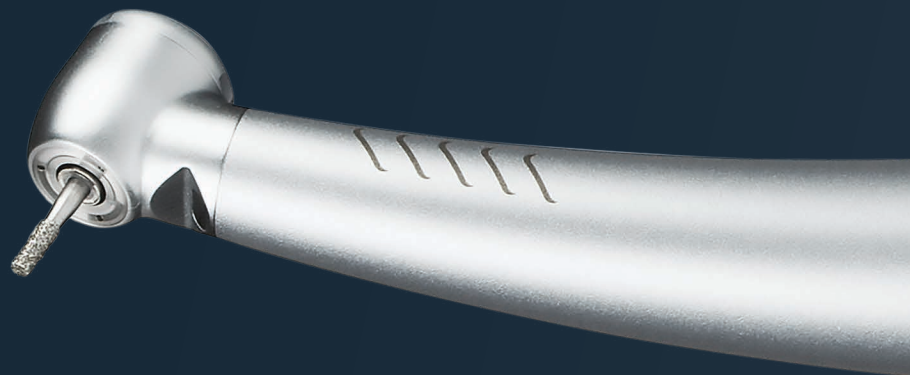
### ELECTROmatic

Part no. 1012.8539

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 S619 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](https://try.kavo.com/air-driven)

# Master and Expert Series

## MASTERTorque High-speeds



MASTERTorque	M8900 L	M8700 L
<b>Head size</b>	Standard	Mini
<b>Features</b>	23 Watts of power, Direct Stop Technology	19 Watts of power, Direct Stop Technology
<b>Part no.</b>	1008.7800	3001.0000

## EXPERTtorque High-speeds



EXPERTtorque	E679 L	E675 L
<b>Head size</b>	Standard	Mini
<b>Features</b>	Ceramic bearings, EXPERTgrip	
<b>Part no.</b>	1006.9200	1006.6400

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



SMARTtorque	S619 L	S615 L	S609 C	S605 C
<b>Head size</b>	Standard	Mini	Standard	Mini
<b>Features</b>	Optimum balance of speed and torque		Non-optic	
<b>Part no.</b>	1008.1641	1008.1643	1008.1644	1008.1645

## SURGtorque™ High-speeds



SURGtorque	S459 L	S459 C
<b>Head size</b>	Standard	Standard
<b>Features</b>	19 Watts, single port water with no spray	
<b>Part no.</b>	3000.4808	3000.5063



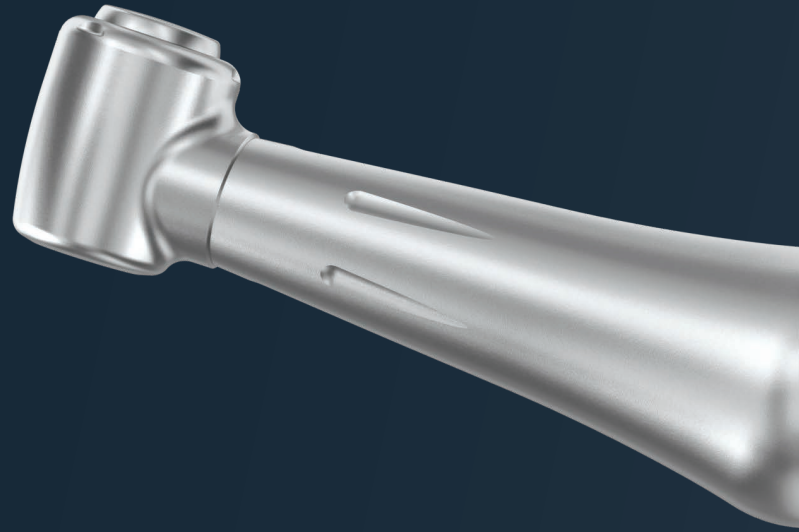
**1390 MULTIflex LUX Coupler**  
Part no. 0553.1390



**457 MULTIflex Coupler**  
Part no. 0553.1210

# SMARTmatic Low-speeds

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 complements 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](https://try.kavo.com/SMARTmatic)



#### 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



SMARTmatic	S10 K	S20 K	S80 K	S19 K	S31 K	S10 S	S10
<b>Primary indication(s)</b>	Restorative	Restorative	Restorative	Prophy	Prophy	Restorative	Restorative
<b>Spray</b>	-	-	-	-	-	✓	-
<b>Operating speed transmission</b>	1:1	1:1	1:1	8:1	8:1	1:1	1:1
<b>Maximum operating speed (rpm)</b>	40,000	40,000	40,000	20,000	20,000	40,000	40,000
<b>Chuck system</b>	Latch type	Latch type	Friction grip	Doriot	Screw-in (Snap-on)	Latch type	Latch type
<b>Part no.</b>	1011.6731	1011.6751	1011.6771	1011.6741	1011.6761	1011.6732	1011.6730
<b>Features</b>	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 System

**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



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



**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 scalars, 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



**SONICflex™ quick 2008 L**  
Part no. 1007.1604



**PROPHYflex™ 3**  
Part no. 1006.9926 (violet)  
Part no. 1000.4672 (black)



**PROPHYwiz™ 181P**  
Part no. 1003.2278  
Part no. 1003.9882 (3-pack)



**DIAGNOdent™ pen**  
Part no. 1004.3400



### 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.

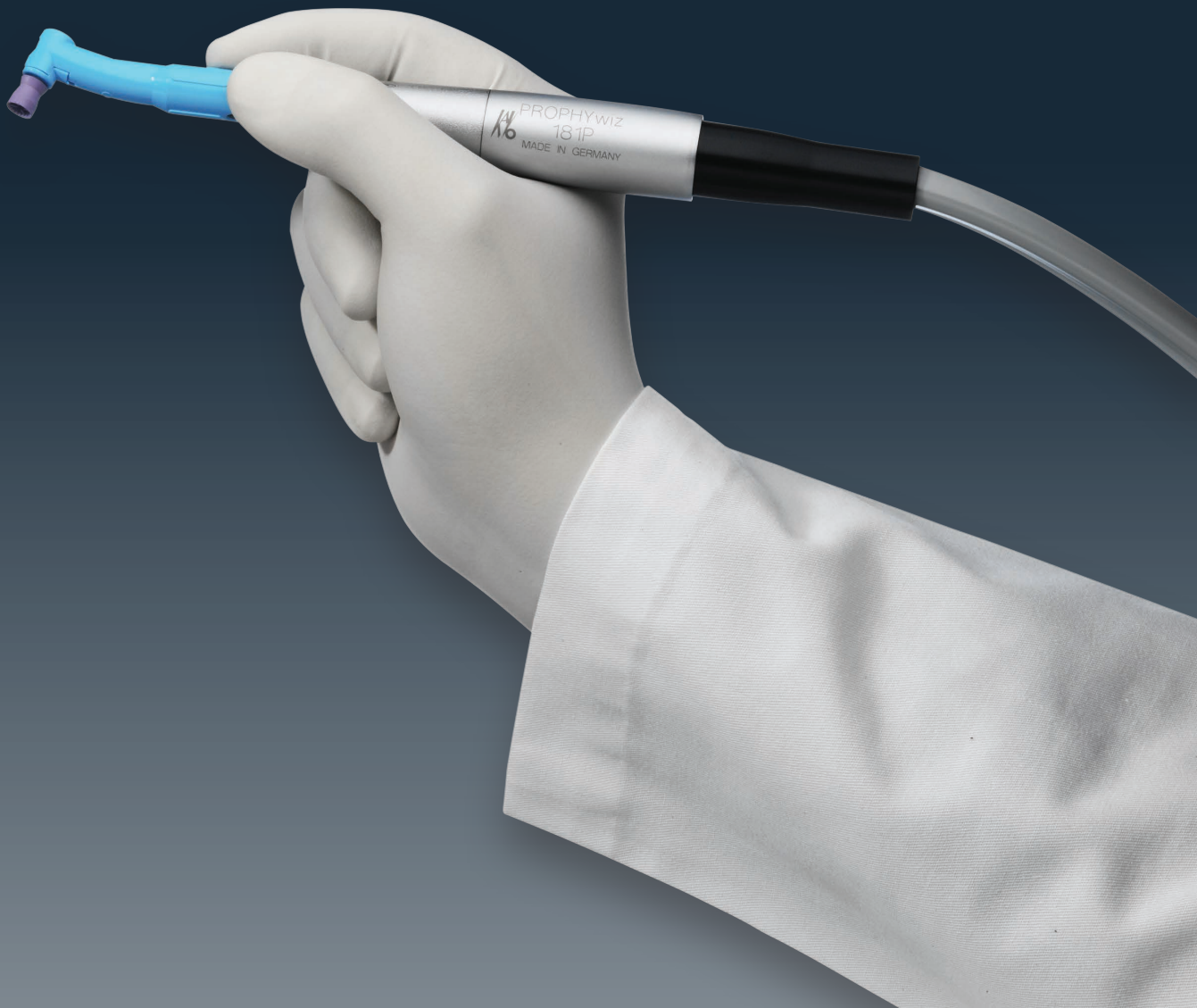


### Step 4—Caries Detection

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.



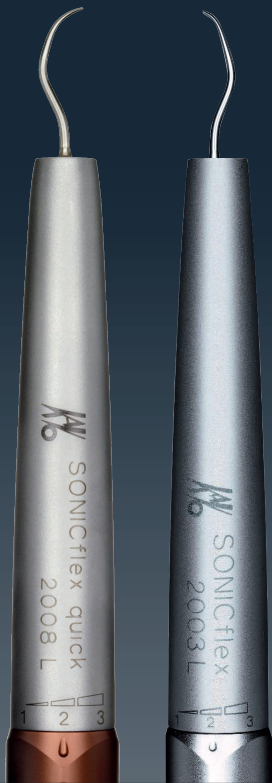


# STEP 1 - SCALING SONICflex system

## 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**

5 6 7 8

**scaler**

60 61 62

**perio**

48

**implant**

3 4 5 1 5 6

**clean**

24 25 26 27

**rootplaner**

**endodontics**

70 68 67 69 66

**endo**

56 57 16 17 20 21 55

**retro**

**minimally invasive dentistry**

31 30 32 33

**micro**

58 59

**bevel**

45

**seal**

42 43 71 7

**cariex**

**preps**

49 50

**gold**

51 52 34 35

**ceram**

12

**CAD/CAM**

97 98

**cem crown**

Start your free trial [try.kavo.com/SONICflex](http://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

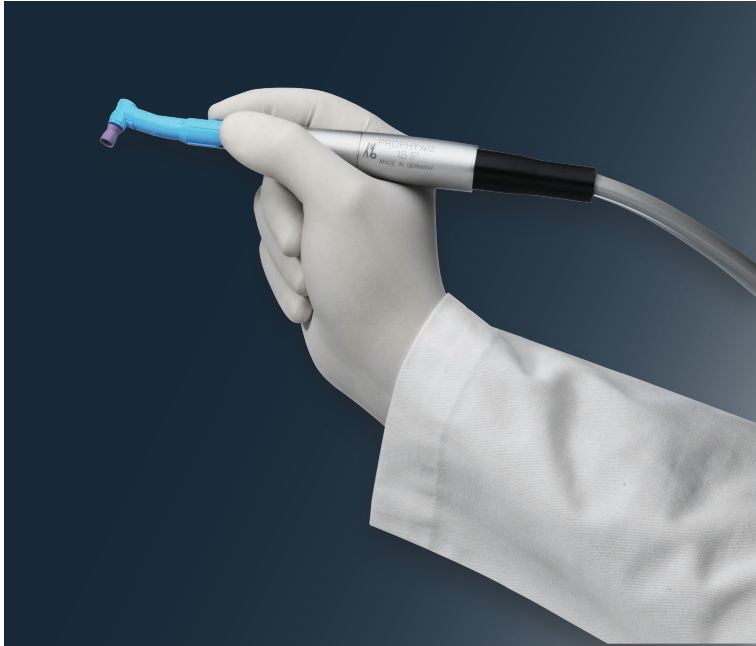
PROPHYpearls roll away stains, plaque and calculus gently and powerfully. As they optimize cleaning performance, PROPHYpearls are gentler to sound tooth structure, thereby avoiding surface damage. This advanced calcium carbonate powder provides faster cleaning and your patients will appreciate the non-salty 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](https://try.kavo.com/surgical-systems)



**Performance**

Experience exceptional performance thanks to KaVo's S600 LED, one of the world's lightest and smallest surgical micro motors.



**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.

# KaVo Surgical instruments for oral surgery and implantology

## Surgical Attachments



**SURGmatic**



**CL 10**



**3610N1**



**3610N2**



**3610N3**

**Features**

1:1 Transmission  
EXPERTgrip

Use with straight or  
contra-angle burs

Surgical straight attachment easily dismantled for cleaning

**Part no.**

S11L 1009.1010  
S11C 1009.1005

1002.0911

0524.5600

0524.5610

0524.5620



**MASTERSurg LUX Wireless**

Part no. 1009.1200



**SURGmatic**



**SURGmatic**



**CL 3-09**



**CL 3**

**Features**

20:1 Reduction  
EXPERTgrip

20:1 Reduction  
Hexagon clamping  
system

Contra-angle for use  
with C3 or CL 3 heads

Reduction  
latch head

**Part no.**

S201 L 1009.0470  
S201 C 1009.1100

S201 XL 1010.2332  
S201 XC 1010.2333

1002.3693

1001.8993



**EXPERTurg 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.





# Loyalty Program

## 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.

**KAVO**  **Kerr**

**PREFERRED**  
LOYALTY PROGRAM

### THREE EASY STEPS

- 1 REGISTER** at [kavokerrpreferred.com](http://kavokerrpreferred.com)
- 2 EARN** points by purchasing KaVo Kerr products
- 3 REDEEM**



KaVo and Kerr products



Continuing education tuition



Cash-back check



**KAVO**  **Kerr**

# 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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