





DISCOVER THE  
**ADVANTAGE**

# THE COLLECTION

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## ABOUT MK-DENT

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## About MK-dent

Since our founding in 1995 in Germany, MK-dent has grown into one of the leading manufacturers of dental instruments. Today, our meticulously crafted precision instruments are available in more than 110 countries around the world, through a distribution network of approximately 800 authorized dealers. At MK-dent, we are solving today's most important problems in dentistry. We ignite opportunity by building better dental products and helping millions of patients suffering from oral diseases worldwide.

### **In Pursuit of Excellence: What does it take to make a masterpiece?**

To celebrate the company's 25th anniversary, we are launching the global campaign "In Pursuit of Excellence". At MK-dent, to achieve a masterpiece demands a cohesive team of talented technicians, engineers and craftspeople with a commitment to core values and pushing boundaries. In their pursuit of excellence, they strive for precise detail at every level of their work.





# TURBINES

## HIGHLIGHTS TURBINES

### AUTOMATIC PRESSURE REGULATION



### ADJUST TO ANY SITUATION. NEXT-LEVEL AERODYNAMICS.

MK-dent turbines express the essence of sophisticated dentistry. Designed and engineered to help you create preparations like never before. Pushing the limits of aerodynamics even further, we mastered the airflow over the Prime Line's AeroAcoustic blade. Achieving the right balance between strength and durability is the engineer's dream. The pressure regulation can adjust to virtually any situation. It has been carefully sculpted to regulate the airflow and ensure a constant level of pressure. This enhances gradually the lifetime of the cartridge and bearings. More power, better sound, spectacular control. Built for the pro-user who demands best-in-class.

### REVERSE FLOW PROTECTION



### ENDURANCE FROM START TO FINISH LINE.

The non-return system for reverse flow protection has been part of the Prime Line from the beginning. It's an entire system fabricated onto a single component, vastly minimizing the entry of particles and contaminants into the head. With endurance from start to finish line, it is designed for optimized cleanliness.

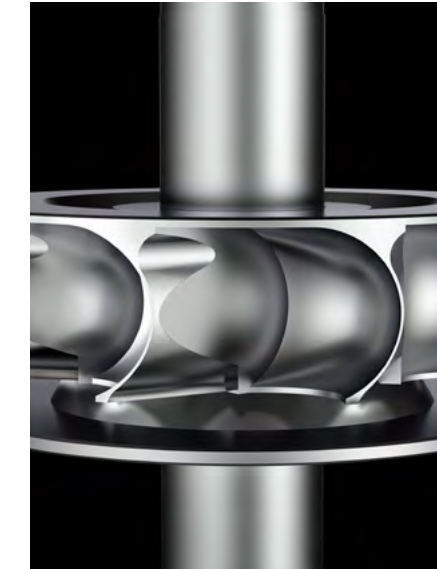
### REFINED CERAMIC BEARINGS



### REFINED FORMULA, SILENT ROTATIONS.

Dental bearings face the most extreme conditions: Particularly high rounds per minute, attacks by superheated steam or various cleaning fluids. Paired with a corrosion-resistant cage as well as the remarkably refined formula of the lubricant, the ceramic balls will have a long journey ahead of them.

### AEROACOUSTIC BLADE



### QUIETLY PRECISE, ROUND FOR ROUND.

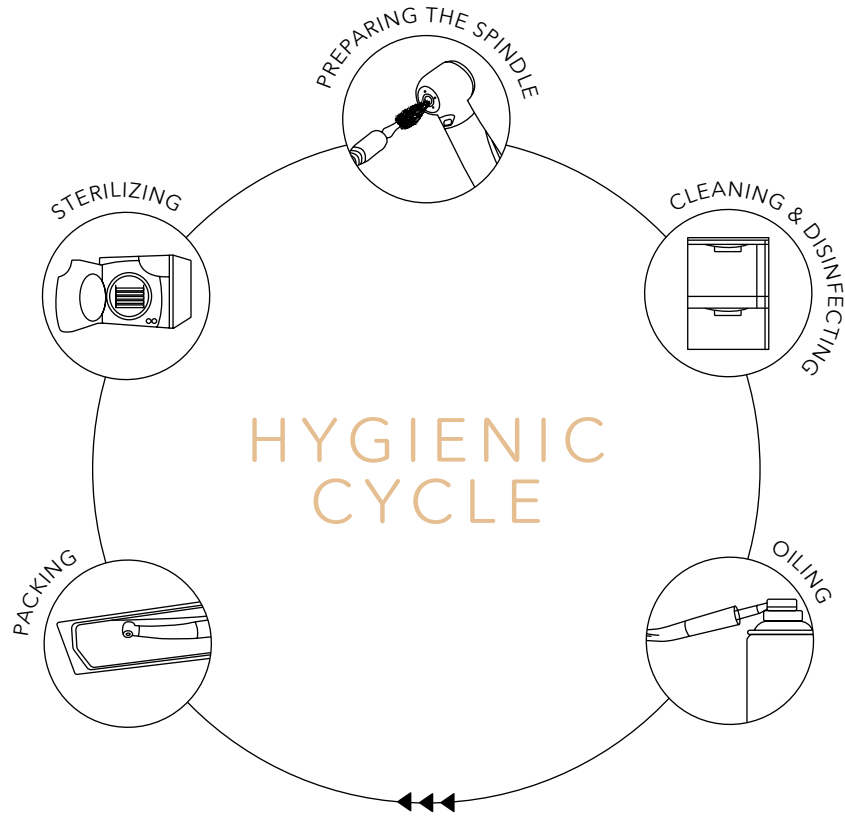
Ultimate blend of supreme performance: MK-dent introduces its outstanding premium cartridge. The AeroAcoustic blade, honed to create 25 Watts of steady power. Thanks to proprietary laser balancing technology, the Prime Line turbines run smoothly and vibrationfree at max. 55 dB.

### NEXT-GEN CARBIDE BUR GUIDE



### PERFECT CONCENTRICITY, UNRIVALED RETENTION FORCE.

The world of drilling would not be the same without carbide. Pressed with 12 tons of pressure and heated to 1,500 °C, carbide is so hard, industrial diamond is used to grind it. Perfect concentricity and unrivaled 40 N of retention force improve long-term precision during operations.



### Special care for an enhanced lifetime.

Use fully synthetic MK-dent care products to enhance the lifetime of your instruments. The accuracy of your handpiece largely depends on high-performance lubricants especially developed by MK-dent to minimize friction and prevent wear of components. MK-dent genuine spare parts combine the entire expertise of MK-dent as a handpiece manufacturer. They are developed specially for MK-dent air-driven handpieces and retain the quality and safety of your handpiece for years.



MK-DENT SYNTHETIC OIL



PRIME LINE



CLASSIC LINE










ECO LINE



BASIC LINE

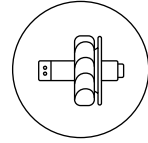
#### FIND THE RIGHT MK-DENT HANDPIECE FOR YOU.

Power (W)	Up to 25	Up to 28	Up to 28	Up to 21
Sound level (db) <sup>1</sup>	Max. 55	Max. 57	Max. 60	Max. 65
Coating	Titanium	Chrome	Chrome	Chrome
Back cap		Push button	Push button	Push button
Cartridge		AeroAcoustic blade	AeroPower blade	AeroPerformance blade
Bur guide		Carbide	Carbide	Carbide
Reverse flow protection		•	•	–
Automatic pressure regulation		• / – <sup>2</sup>	–	–
Refined ceramic bearings		•	•	•
Glass rod fiber optics		•	○	○

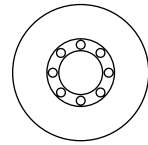
• Standard      ○ Optional      – Not available

1) Applies to standard head size. 2) Only available on some models in combination with K couplers from our range.

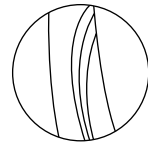




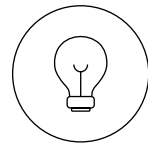
AEROACOUSTIC  
BLADE



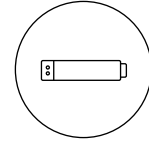
REFINED CERAMIC  
BEARINGS



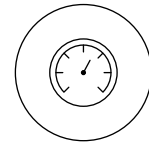
SCRATCH-RESISTANT  
TITANIUM COATING



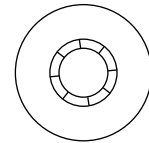
GLASS ROD  
FIBER OPTICS



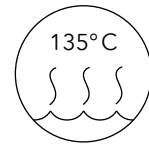
NEXT-GEN CARBIDE  
BUR GUIDE



AUTOMATIC PRESSURE  
REGULATION



REVERSE FLOW  
PROTECTION



STERILISABLE AND  
THERMODISINFECTABLE

## PRIME LINE

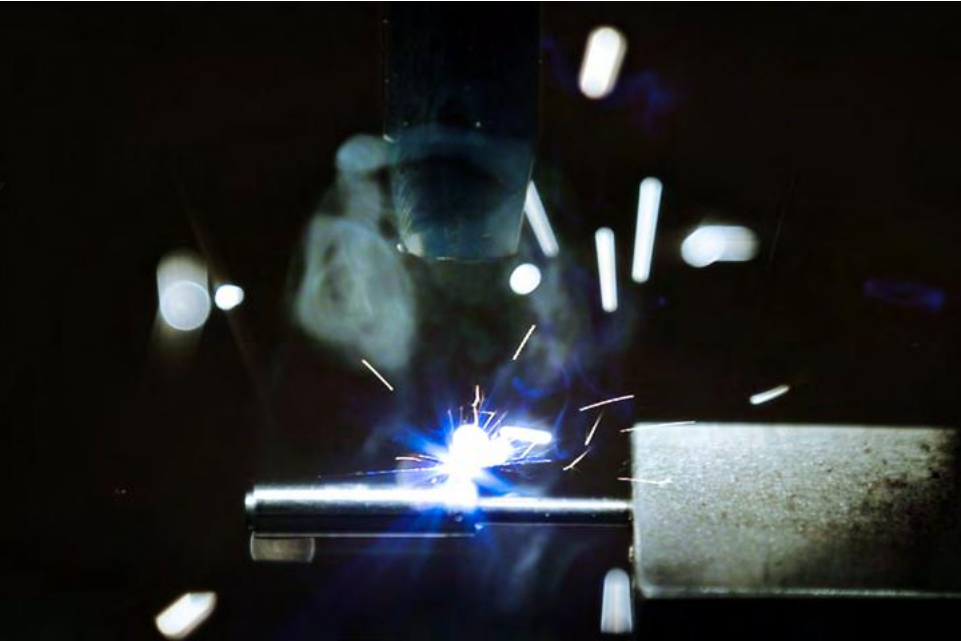
up to  
**25 Watt**  
POWER

max.  
**55 dB**  
VOLUME

approx.  
**350k rpm**  
SPEED







Perfect concentricity,  
unrivalled retention force.

The world of drilling would not be the same without carbide. Pressed with 12 tons of pressure and heated to 1,500 °C, carbide is so hard, industrial diamond – the world's hardest material – is used to grind it. Bound together in a cobalt matrix by sintering, carbide is much denser than both steel and titanium.

To create a bur guide with tremendous wear resistance, we use carbide for the inside part of the spindle. By heating the surface to the point of melting through laser welding, carbide and steel form a superior unit to hold the bur. Perfect concentricity and unrivalled retention force maximize long-term precision during operations and drastically improve patient safety.



ORIGINAL SIZE OF THE BUR GUIDE



**PRIME LINE TURBINE**  
HP21 WITH LIGHT, STANDARD HEAD

**COUPLING TYPES:** KAVO, NSK, SIRONA, W&H  
**HEAD SIZE (MM):** Ø 12.5 X H 14.3  
**POWER (W):** UP TO 25  
**SOUND LEVEL (DB):** MAX. 55  
**SPRAY OUTLET:** 4 ASYMETRICAL MIXED  
**WEIGHT (G):** 69  
**WARRANTY (MONTHS):** 24



**PRIME LINE TURBINE**  
HP22 WITH LIGHT, SMALL HEAD

**COUPLING TYPES:** KAVO, NSK, W&H  
**HEAD SIZE (MM):** Ø 10.8 X H 12.5  
**POWER (W):** UP TO 18  
**SOUND LEVEL (DB):** MAX. 60  
**SPRAY OUTLET:** 3 ASYMETRICAL MIXED  
**WEIGHT (G):** 67  
**WARRANTY (MONTHS):** 24



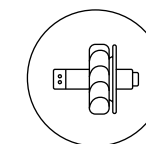


## CLASSIC LINE

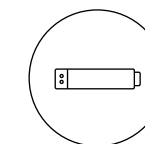
up to  
**28 Watt**  
POWER

max.  
**57 dB**  
VOLUME

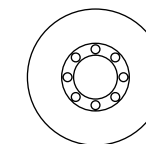
approx.  
**375k rpm**  
SPEED



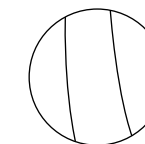
AEROPOWER  
BLADE



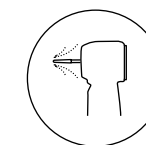
NEXT-GEN CARBIDE  
BUR GUIDE



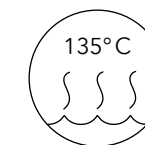
REFINED CERAMIC  
BEARINGS



ATHLETIC CLASSIC  
BODY



REVERSE FLOW  
PROTECTION



135°C  
STERILISABLE AND  
THERMODISINFECTABLE



Curved corners, powerful stance.

The exterior design incorporates beautiful materials throughout the body and an exquisite chrome finish. From the curved corners of the Classic Grip to the firm pressure on the push button, every detail has been considered to emphasize the turbine's strength, giving the AeroPower Blade a powerful stance.



**CLASSIC LINE TURBINE**  
HC20KL WITH LIGHT, STANDARD HEAD

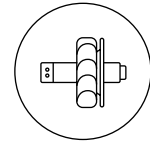
**COUPLING TYPES:** KAVO  
**HEAD SIZE (MM):** Ø 12.5 X H 14.3  
**POWER (W):** UP TO 28  
**SOUND LEVEL (DB):** MAX. 57  
**SPRAY OUTLET:** 4 ASYMETRICAL MIXED  
**WEIGHT (G):** 64  
**WARRANTY (MONTHS):** 18



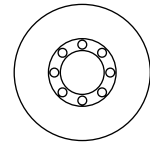
**CLASSIC LINE TURBINE**  
HC22KL WITH LIGHT, SMALL HEAD

**COUPLING TYPES:** KAVO  
**HEAD SIZE (MM):** Ø 10.8 x H 12.5  
**POWER (W):** UP TO 18  
**SOUND LEVEL (DB):** MAX. 60  
**SPRAY OUTLET:** 3 ASYMETRICAL MIXED  
**WEIGHT (G):** 58  
**WARRANTY (MONTHS):** 18

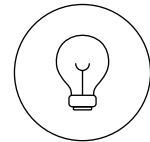




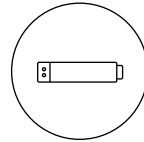
AEROPERFORMANCE  
BLADE



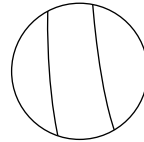
REFINED CERAMIC  
BEARINGS



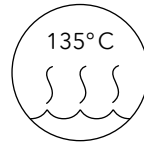
GLASS ROD  
FIBER OPTICS



NEXT-GEN CARBIDE  
BUR GUIDE



SMOOTH CHROME  
COATED BODY



STERILISABLE AND  
THERMODISINFECTABLE

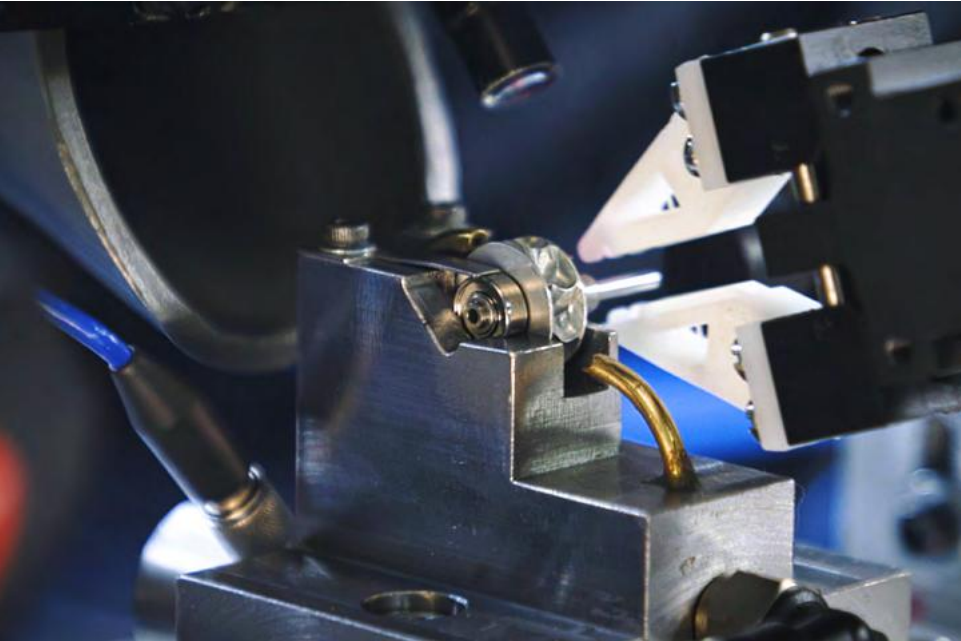
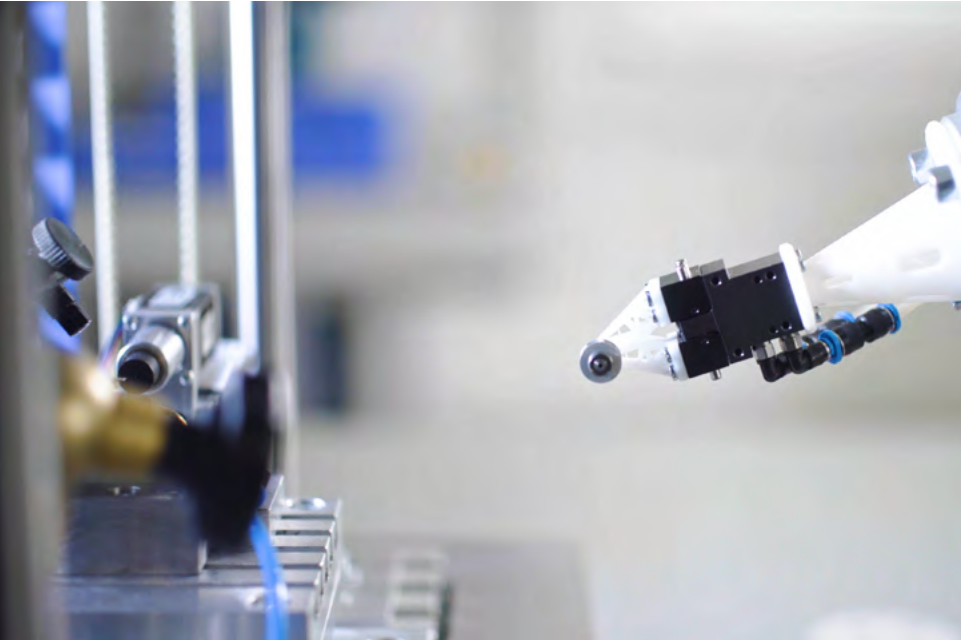
## ECO LINE

up to  
**28 Watt**  
POWER

max.  
**60 dB**  
VOLUME

approx.  
**320k rpm**  
SPEED





## Aerodynamic innovations

At the heart of every MK-dent turbine is a remarkably balanced cartridge. Identifying the heavy spot is the key to balancing. An iterative and incremental workflow ensures the best possible performance.

It starts with a slight removal of the mass via an exceptionally calibrated laser and then requires several uncompromising sequences. The result is an unrivaled cartridge that maximizes lifetime while minimizing bur wobble and noise levels in an enormous frequency range.



ORIGINAL SIZE OF THE CARTRIDGE



**ECO LINE TURBINE**  
HE21 WITH LIGHT, STANDARD HEAD

**COUPLING TYPES:** KAVO, NSK, SIRONA, W&H  
**HEAD SIZE (MM):** Ø 12.5 X H 14.3  
**POWER (W):** UP TO 24  
**SOUND LEVEL (DB):** MAX. 62  
**SPRAY OUTLET:** 4 ASYMETRICAL MIXED  
**WEIGHT (G):** 62  
**WARRANTY (MONTHS):** 18



**ECO LINE TURBINE**  
HE22 WITH LIGHT, SMALL HEAD

**COUPLING TYPES:** KAVO, NSK, W&H  
**HEAD SIZE (MM):** Ø 10.8 X H 12.5  
**POWER (W):** UP TO 16  
**SOUND LEVEL (DB):** MAX. 62  
**SPRAY OUTLET:** 3 ASYMETRICAL MIXED  
**WEIGHT (G):** 60  
**WARRANTY (MONTHS):** 18



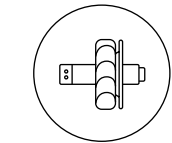


## BASIC LINE

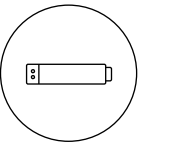
up to  
**21 Watt**  
POWER

max.  
**65 dB**  
VOLUME

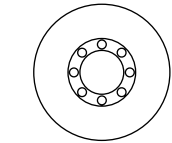
approx.  
**350k rpm**  
SPEED



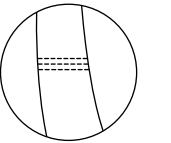
AEROPERFORMANCE  
BLADE



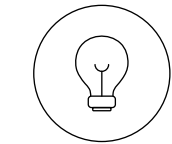
NEXT-GEN STEEL  
BUR GUIDE



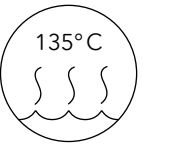
REFINED CERAMIC  
BEARINGS



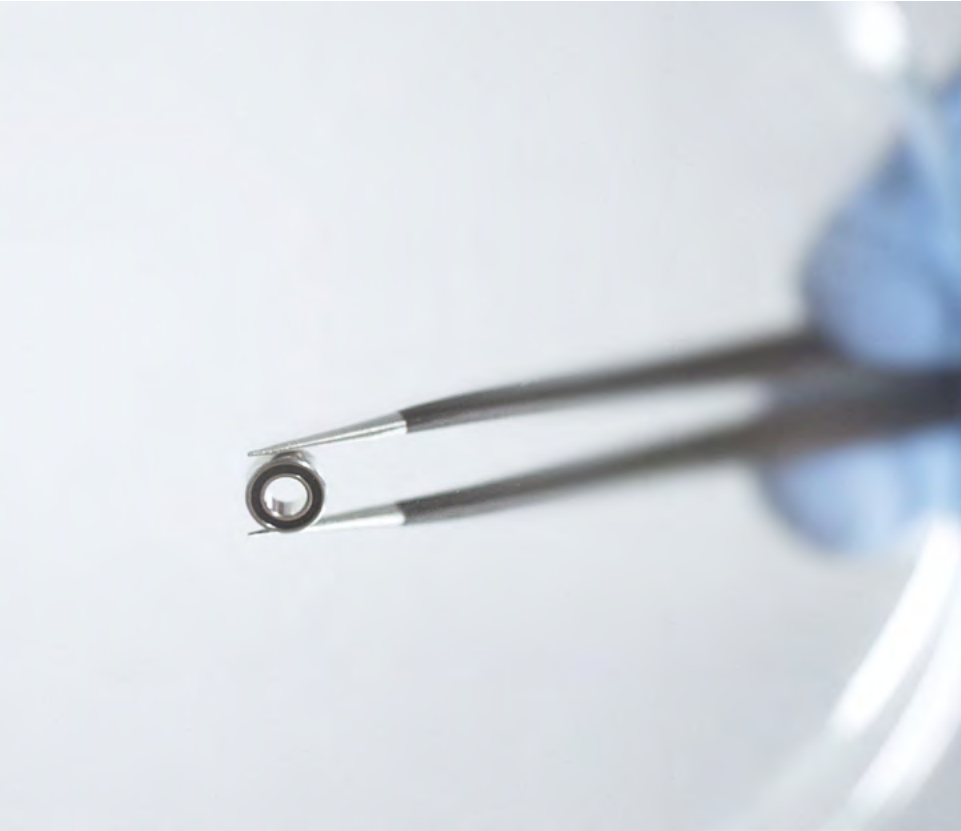
PROVEN CHROME  
COATED BODY



GLASS ROD  
FIBER OPTICS



135°C  
STERILISABLE AND  
THERMODISINFECTABLE



## Refined formular, silent rotations

Dental bearings face the most extreme conditions: Particularly high rounds per minute, attacks by superheated steam or various cleaning fluids.

Paired with a corrosion-resistant cage as well as the remarkably refined formula of the lubricant, the ceramic balls will have a long journey ahead of them.



**BASIC LINE TURBINE**  
HB21KL WITH LIGHT, STANDARD HEAD

**COUPLING TYPES:** KAVO  
**HEAD SIZE (MM):** Ø 12.5 X H 14.3  
**POWER (W):** UP TO 21  
**SOUND LEVEL (DB):** MAX. 65  
**SPRAY OUTLET:** 4 ASYMETRICAL MIXED  
**WEIGHT (G):** 63  
**WARRANTY (MONTHS):** 12



**BASIC LINE TURBINE**  
HB23KL WITH LIGHT, SMALL HEAD

**COUPLING TYPES:** KAVO  
**HEAD SIZE (MM):** Ø 11.0 X H 13.3  
**POWER (W):** UP TO 15  
**SOUND LEVEL (DB):** MAX. 65  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**WEIGHT (G):** 66  
**WARRANTY (MONTHS):** 12





## MK-dent couplings

We make sure that everyone can use an MK-dent turbine or contra-angle. An extensive range of couplers and motors for all common hoses and units gets you started.

Equipped with available non-retraction valve and water volume regulation, MK-dent couplings offer a great variety of options. Perfect dimensions with minimal tolerances allow the usage of all suitable handpieces.

In combination with MK-dent LED and Xenon bulbs as well as glass rod fiber optics, available couplings provide 100% glare-free light. With a color temperature of 5500 K, the glass rod and bulbs are designed for color-accurate illumination of the preparation area.



MK-DENT COUPLINGS



### COUPLING WITH LIGHT

**COUPLING TYPES:** KAVO, SIRONA, NSK, W&H  
**LIGHT:** LED OR XENON  
**COLOR TEMPERATURE:** 5,500K  
**TUBING PINS:** 6  
**WATER REGULATION:** ✓  
**COATING:** TITANIUM OR CHROME  
**WEIGHT (G):** 30  
**WARRANTY (MONTHS):** 24



### COUPLING WITHOUT LIGHT

**COUPLING TYPES:** KAVO, SIRONA, NSK, W&H  
**LIGHT:** —  
**COLOR TEMPERATURE:** —  
**TUBING PINS:** 6-, 4- OR 2  
**WATER REGULATION:** —  
**COATING:** CHROME  
**WEIGHT (G):** 30  
**WARRANTY (MONTHS):** 24



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## CONTRA-ANGLE HANDPIECES

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## HIGHLIGHTS CONTRA-ANGLES

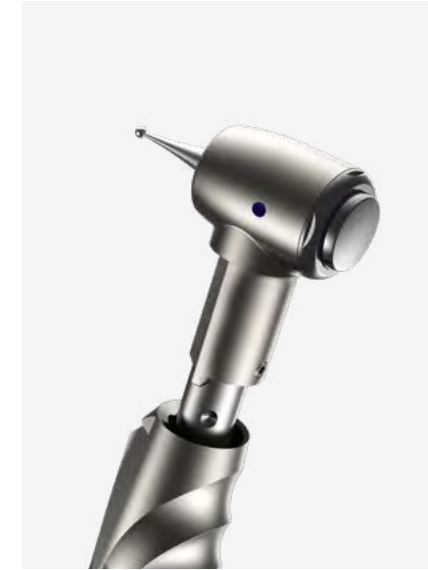
### THE RESULT OF 25 YEARS EXPERIENCE



### UNDIMINISHED PASSION, IMPECCABLE QUALITY

We strive daily for our customers for perfection. Our quality promise is based on the selection of high-quality materials, the use of the most advanced manufacturing processes and finally the manual quality assurance of each product before delivery through our passionate employees.

### INTERCHANGEABLE HEADS



### DEVELOPED FOR VERSATILITY, IMPROVED SUSTAINABILITY.

Developed for versatility, the interchangeable heads are time-saving and improve sustainability. Simply turn the tension ring of the contra-angle handpiece and choose between several drill heads for a variety of indications. Made out of stainless steel and coated with titanium or chrome for unmatched longevity.

### RANGE OF TRANSMISSION



### SIMPLE TO USE TECHNOLOGY, FOR A VARIETY OF INDICATIONS.

Standard gear design in contra-angle handpieces provides a constant speed ratio. Choose from a broad range of purpose-built transmissions, from 1:5 down to 14.8:1 ratio for a variety of indications as well as according speed and torque ranges. Simple to use technology, developed for what you do every day.

### GLASS ROD LIGHT CONDUCTOR



### COLOR ACCURACY, GLARE-FREE LIGHT.

Light is not always what it seems. In combination with MK-dent LED and xenon motors, available glass rod fiber optics provides 100% glare-free light, bringing brilliance in the dark. With a color temperature of 5500K, the glass rod is designed for color accurate illumination and clear sight of the preparation area.

### EXCEPTIONAL LONG-LIFE GEARS



### CLASS-LEADING PRECISION, EXCELLING AT EVERY ANGLE.

At the heart of every outstanding contra-angle are exceptional gears. MK-dent long-life gears are engineered to excel at every angle, encouraging complete synthesis between dentist and instrument. Optimized for vibration-free performance thanks to improved torque ratio and class-leading precision.



### Explore MK-dent accessories

We make sure that everyone can use an MK-dent contra-angle handpiece. An extensive range of motors for all common hoses and units gets you started. Use fully synthetic MK-dent care products to enhance the lifetime of your instruments. The accuracy of your handpiece largely depends on high-performance lubricants specially developed by MK-dent to minimize friction and prevent wear of components.



MK-DENT SYNTHETIC OIL

MK-DENT MOTORS



PRIME LINE



CLASSIC LINE



ECO LINE



BASIC LINE

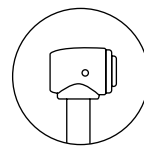
#### FIND THE RIGHT MK-DENT HANDPIECE FOR YOU.

Non-load speed (rpm)	Up to 200 000	Up to 40 000	Up to 200 000	Up to 40 000
Weight (g)	Max. 92	Max. 82	Max. 100	Max. 88
Coating	Titanium	Chrome	Chrome	Chrome
Back cap	Push button	Push button	Push button	Push button
Range of transmission	from 1:5 down to 7,4:1	from 1:1 down to 7,4:1	from 1:5 down to 7,4:1	from 1:1 down to 4:1
Changeable heads <sup>1</sup>	•	•	•	•
Long-life gears	•	•	•	•
Glass rod light conductor	•	◦	◦	—

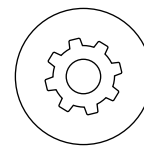
• Standard      ◦ Optional      — Not available

1) Changeable heads are not available on 1:5 handpieces.

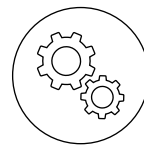




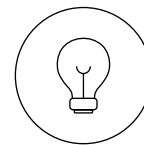
INTERCHANGEABLE  
PRIME HEADS



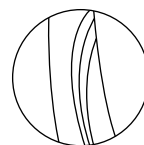
LONG-LIFE  
GEARS



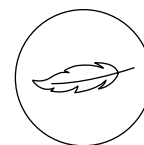
RANGE OF  
TRANSMISSION



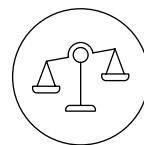
GLASS ROD LIGHT  
CONDUCTOR



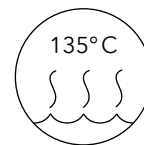
SCRATCH-RESISTANT  
TITANIUM COATING



LIGHTWEIGHT  
FOR TIRELESS WORKING



OPTIMUM  
BALANCE



STERILISABLE AND  
THERMODISINFECTABLE

## PRIME LINE





**PRIME LINE CONTRA-ANGLE**  
LP15L WITH LIGHT

**1:5** CAVITY PREPARTION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 10.3 X H 15.3  
**USABLE BURS:** FG-BURS (Ø 1.6 MM)  
**SPRAY OUTLET:** 3 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 200 000  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**PRIME LINE CONTRA-ANGLE**  
LP11L WITH LIGHT

**1:1** FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 78  
**WARRANTY (MONTHS):** 24



**PRIME LINE CONTRA-ANGLE**  
LP54L WITH LIGHT

**5,4:1** EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 7 407  
**WEIGHT (G):** 78  
**WARRANTY (MONTHS):** 24



**PRIME LINE CONTRA-ANGLE**  
LP74L WITH LIGHT

**7,4:1** EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 5 405  
**WEIGHT (G):** 78  
**WARRANTY (MONTHS):** 24



**PRIME LINE HANDPIECE**  
LP01L WITH LIGHT

**1:1** PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** HP-BURS (Ø2.35MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 92  
**WARRANTY (MONTHS):** 24



**PRIME LINE HEAD**  
LPH11

**1:1** FINISHING & POLISHING

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø9.8xH14.3  
**USABLE BURS:** CA-BURS (Ø2.35mm)  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24



**PRIME LINE HEAD**  
LPH16

**1:1** FINISHING & POLISHING

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø9.8xH14.8  
**USABLE BURS:** FG-BURS (Ø1.6 mm)  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24



**PRIME LINE HEAD**  
LPH21

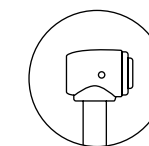
**2:1** EXCAVATION

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø 9.8 x H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 mm)  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24

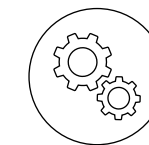




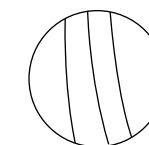
## CLASSIC LINE



INTERCHANGEABLE  
CLASSIC HEADS



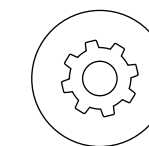
RANGE OF  
TRANSMISSION



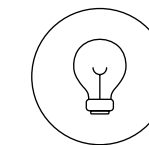
ATHLETIC CLASSIC  
BODY



OPTIMUM  
BALANCE



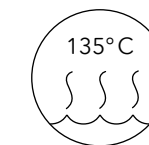
LONG-LIFE  
GEARS



GLASS ROD LIGHT  
CONDUCTOR



LIGHTWEIGHT  
FOR TIRELESS WORKING



STERILISABLE AND  
THERMODISINFECTABLE



**CLASSIC LINE CONTRA-ANGLE**  
LC11L WITH LIGHT, LC11 W/O LIGHT

1:1 FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** -  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 70  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE CONTRA-ANGLE**  
LC27L WITH LIGHT, LC27 W/O LIGHT

2,7:1 EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** -  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 14 815  
**WEIGHT (G):** 66  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE CONTRA-ANGLE**  
LC74L WITH LIGHT, LC74 W/O LIGHT

7,4:1 EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** -  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 5 405  
**WEIGHT (G):** 54  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE HANDPIECE**  
LC01L WITH LIGHT, LC01 W/O LIGHT

1:1 PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** HP-BURS (Ø 2.35 mm)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 66  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE HEAD**  
LCH11

1:1 PREPARATION

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø 9.8xH 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 mm)  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE HEAD**  
LCH16

1:1 FINISHING & POLISHING

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø 9.8xH 14.8  
**USABLE BURS:** FG-BURS (Ø 1.6 mm)  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24



**CLASSIC LINE HEAD**  
LCH21

2:1 EXCAVATION

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø 9.8xH 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 mm)  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24

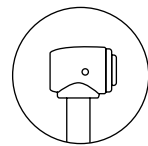


**CLASSIC LINE HEAD**  
LCH21P

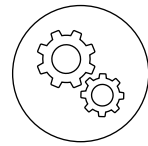
2:1 PROPHY POLISHING

**COUPLING TYPE:** CONTRA-ANGLE BODY  
**HEAD SIZE (MM):** Ø 9.5xH 16.7  
**USABLE BURS:** PROPHY CUP  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 12  
**WARRANTY (MONTHS):** 24

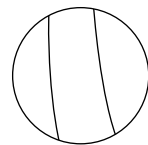




INTERCHANGEABLE  
HEADS



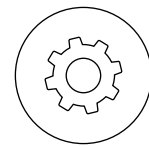
RANGE OF  
TRANSMISSION



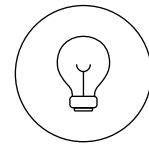
SMOOTH CHROME  
COATED BODY



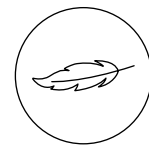
OPTIMUM  
BALANCE



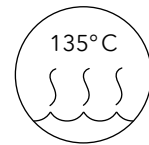
LONG-LIFE  
GEARS



GLASS ROD LIGHT  
CONDUCTOR



LIGHTWEIGHT  
FOR TIRELESS WORKING



STERILISABLE AND  
THERMODISINFECTABLE

ECO LINE





**ECO LINE CONTRA-ANGLE**  
LE15L WITH LIGHT, LE15 W/O LIGHT

**1:5** CAVITY PREPARTION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 10.3 X H 15.1  
**USABLE BURS:** FG-BURS (Ø 1.6 MM)  
**SPRAY OUTLET:** 3 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 200 000  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE11L WITH LIGHT, LE11 W/O LIGHT

**1:1** FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE16L WITH LIGHT, LE16 W/O LIGHT

**1:1** FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.8  
**USABLE BURS:** FG-BURS (Ø 1.6 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE21L WITH LIGHT, LE21 W/O LIGHT

**2:1** FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE27L WITH LIGHT, LE27 W/O LIGHT

**2,7:1** EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 10.3 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 14 815  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE54L WITH LIGHT, LE54 W/O LIGHT

**5,4:1** EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 7 407  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE54LP WITH LIGHT, LE54 W/O LIGHT

**5,4:1** PROPHY POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.5 X H 16.7  
**USABLE BURS:** PROPHY CUP  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 7 407  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE CONTRA-ANGLE**  
LE74L WITH LIGHT, LE74 W/O LIGHT

**7,4:1** EXCAVATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 5 405  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



**ECO LINE HANDPIECE**  
LE01L WITH LIGHT

1:1 PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** HP-BURS (Ø2.35MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 100  
**WARRANTY (MONTHS):** 24



**ECO LINE HANDPIECE**  
LE01 WITHOUT LIGHT

1:1 PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** -  
**USABLE BURS:** HP-BURS (Ø2.35MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 100  
**WARRANTY (MONTHS):** 24

Powerful housing, timeless design.

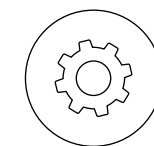
The exterior design incorporates beautiful materials throughout the body and an exquisite chrome finish. From the curved corners of the smooth chrome coated body to the firm pressure on the push button, every detail has been carefully considered.



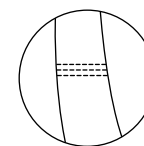




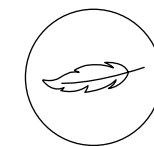
## BASIC LINE



LONG-LIFE  
GEARS



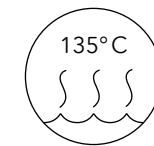
PROVEN  
BASIC BODY



LEIGHTWEIGHT  
FOR TIRELESS WORKING



OPTIMUM  
BALANCE



STERILISABLE AND  
THERMODISINFECTABLE



**BASIC LINE CONTRA-ANGLE**  
LB111W WITHOUT LIGHT

1:1 FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 9.8 X H 14.8  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** 1 ASYMETRICAL MIXED  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 66  
**WARRANTY (MONTHS):** 12



**BASIC LINE CONTRA-ANGLE**  
LB1111 WITHOUT LIGHT

1:1 FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø9.5xH13.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** EXTERNAL  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 54  
**WARRANTY (MONTHS):** 12



**BASIC LINE CONTRA-ANGLE**  
LB1111C WITHOUT LIGHT

1:1 FINISHING & POLISHING

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 8.0 X H 13.3  
**USABLE BURS:** CA-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** EXTERNAL  
**NON-LOAD SPEED (RPM):** 20 000  
**WEIGHT (G):** 54  
**WARRANTY (MONTHS):** 12



**BASIC LINE HANDPIECE**  
LB01W WITHOUT LIGHT

1:1 PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 8.0 X H 13.3  
**USABLE BURS:** HP-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** EXTERNAL  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 88  
**WARRANTY (MONTHS):** 12



**BASIC LINE HANDPIECE**  
LB02 WITHOUT LIGHT

1:1 PREPARATION

**COUPLING TYPE:** ISO  
**HEAD SIZE (MM):** Ø 8.0 X H 13.3  
**USABLE BURS:** HP-BURS (Ø 2.35 MM)  
**SPRAY OUTLET:** EXTERNAL  
**NON-LOAD SPEED (RPM):** 40 000  
**WEIGHT (G):** 85  
**WARRANTY (MONTHS):** 12





**BASIC LINE HEAD**

LBH11

1:1 PREPARATION

**COUPLING TYPE:** CONTRA-ANGLE BODY

**HEAD SIZE (MM):** Ø9.5xH13.3

**USABLE BURS:** CA-BURS (Ø2.35 mm)

**NON-LOAD SPEED (RPM):** 20 000

**WEIGHT (G):** 12

**WARRANTY (MONTHS):** 12



**BASIC LINE HEAD**

LBH11C

1:1 PREPARATION

**COUPLING TYPE:** CONTRA-ANGLE BODY

**HEAD SIZE (MM):** Ø8.0xH13.3

**USABLE BURS:** FG-BURS (Ø1.6 mm)

**NON-LOAD SPEED (RPM):** 40 000

**WEIGHT (G):** 12

**WARRANTY (MONTHS):** 12



**BASIC LINE HEAD**

LBH11P

1:1 PROPHYLAXIS

**COUPLING TYPE:** CONTRA-ANGLE BODY

**HEAD SIZE (MM):** Ø7.7xH14.2

**USABLE BURS:** PROPHY CUP

**NON-LOAD SPEED (RPM):** 40 000

**WEIGHT (G):** 12

**WARRANTY (MONTHS):** 12

**Proportional lines, chrome surface.**

The proven Basic Body pays homage to MK-dent instruments of the past while remaining a contemporary statement. Its design is elegant and uncompromising, a characteristic form with distinctive design elements and a perfectly proportioned composition of lines. The chrome coated surface is virtually scratchproof.



## MK-dent motors

The MK-dent motor range is one of the largest in the dental market. Electric and air motors are available with multiple tubing connections. Depending on your current setup, air motors are available with a 4-hole Midwest or 2-hole Borden type connection and come either without or with external or internal water pipes.



MK-DENT MOTORS



### AIR MOTOR

**SPRAY:** INTERNAL OR EXTERNAL  
**COATING:** TITANIUM OR CHROME  
**LIGHT:** LED AVAILABLE  
**COLOR TEMPERATURE:** 5,500K  
**NON-LOAD SPEED (RPM):** 20 000  
**DIRECTION OF ROTATION:** LEFT AND RIGHT  
**WEIGHT (G):** 80  
**WARRANTY (MONTHS):** 24



### ELECTRIC MOTOR

**SPRAY:** INTERNAL  
**COATING:** CHROME  
**LIGHT:** LED  
**COLOR TEMPERATURE:** 5,500K  
**NON-LOAD SPEED (RPM):** 40 000  
**DIRECTION OF ROTATION:** LEFT AND RIGHT  
**WEIGHT (G):** 73  
**WARRANTY (MONTHS):** 24



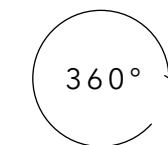


PROPHYLAXIS

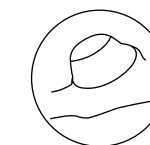




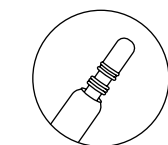
## PROPHY LINE



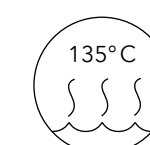
360°  
NOZZLE



SYNTHETIC MATERIAL  
HOUSING



PLUG AND  
PLAY



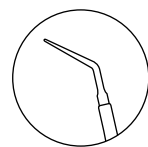
STERILISABLE AND  
THERMODISINFECTABLE <sup>1</sup>

**COUPLING TYPE:** BIEN-AIR, KAVO, NSK, SIRONA, W&H **MATERIAL HOUSING:** SYNTHETIC **MIN. POWDER CONSUMPTION VOLUME (G):** 4 **MIN. WATER FLOW (ML):** 45 **MIN. AIR FLOW VOLUME (L):** 12 **WARRANTY (MONTHS):** 24

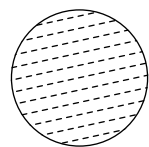
» VISIT [MK-DENT.COM](http://MK-DENT.COM) FOR MORE INFORMATION.

<sup>1</sup>) Only the removable powder tip of the Propy Line Air Polishing Device is sterilizable.

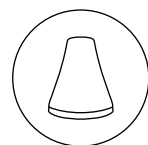




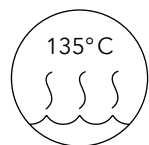
LINEAR TIP  
MOVEMENT



SYNTHETIC MATERIAL  
HOUSING



STAINLESS  
STEEL CAP



135°C  
STERILISABLE AND  
THERMODISINFECTABLE

**LIGHT:** ✓ **SCALER TIP TYPES<sup>1</sup>:** EMS, SATELEC, KAVO **HOSE CONNECTION TY-  
PES:** EN-060A, EN061A, EN041, F12 609, F12 281, 1.007.3005 **COVER:** STEEL  
**6-LED LIGHT RING:** ✓ **FREQUENCY RANGE (KHZ):** 24 – 33 **WEIGHT (G):** 50 **WARRANTY  
(MONTHS):** 12

» VISIT [MK-DENT.COM](http://MK-DENT.COM) FOR MORE INFORMATION.

<sup>1)</sup> Please ensure the correct tip is used for each model.

## PROPHY LINE





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# MK-DENT SERVICE

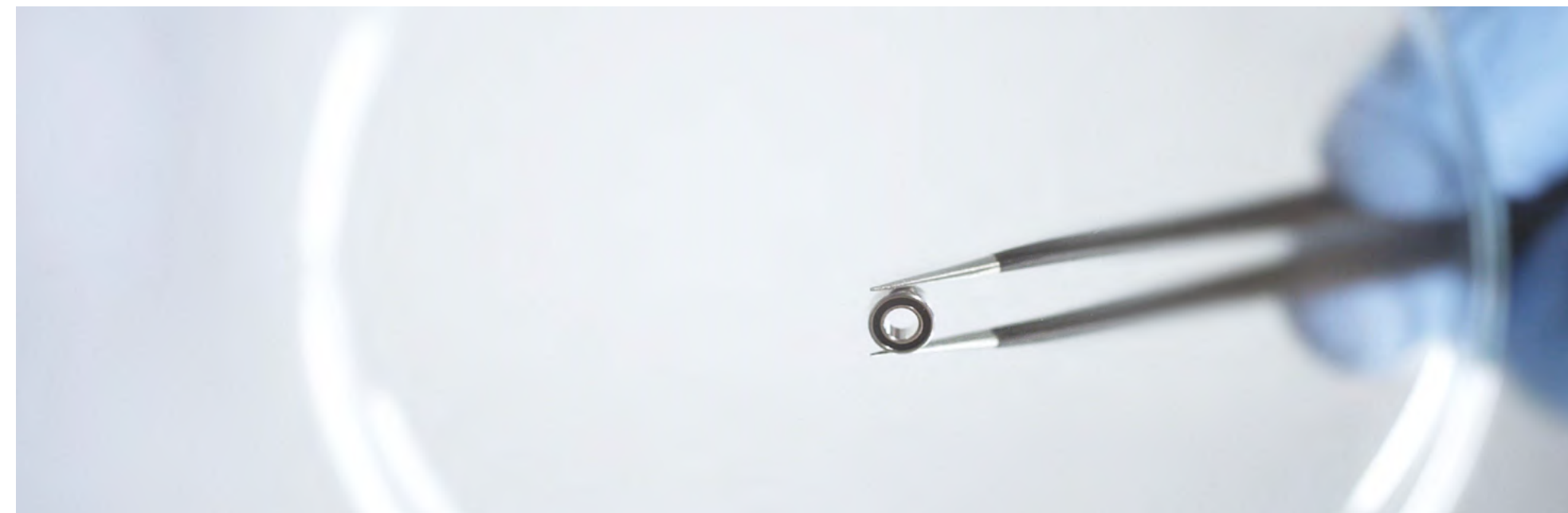
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## MK-dent Service

Mechanical forces acting on your precision instruments during operation over many years can cause damage to them. Therefore, keep in mind that spare parts will need to be replaced over time. In case of service or repair, we use exclusively MK-dent original spare parts, which meet all technical and regulatory requirements. Strict quality management ensures precision to size, material resistance, and long-lasting performance at the highest level.



www.mk-dent.com



MK-dent is a member of



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MK-22-01-A