

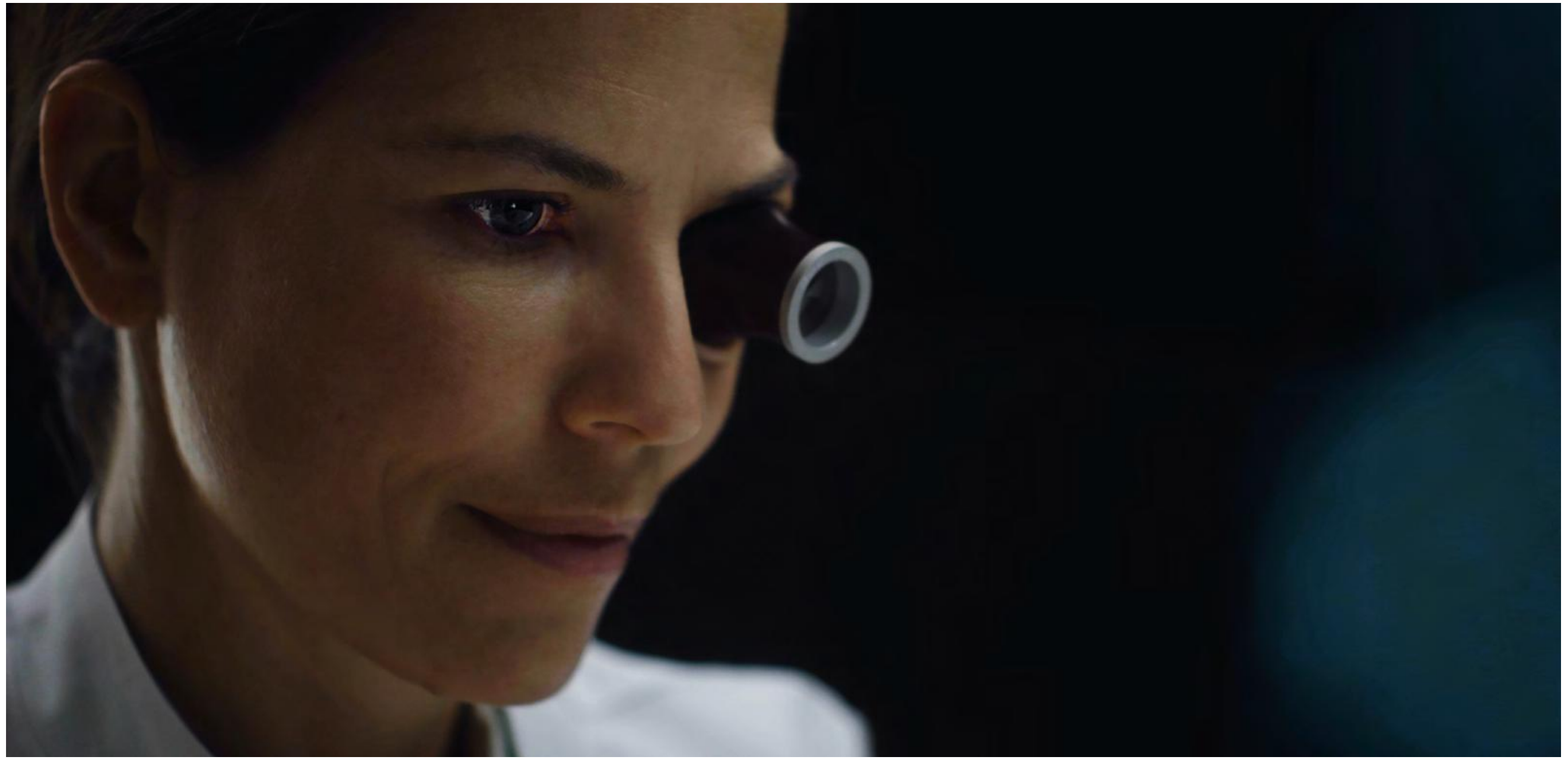
MK-DENT

DISCOVER THE

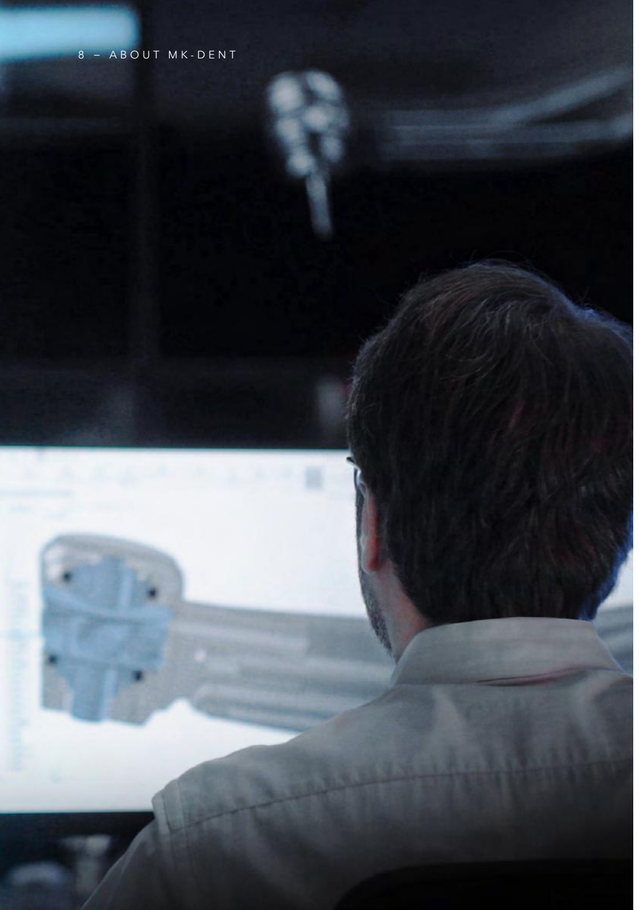
ADVANTAGE

THE COLLECTION

ABOUT MK-DENT	06
TURBINES & COUPLINGS	10
CONTRA-ANGLES & MOTORS	34
PROPHY LINE	62
MK-DENT SERVICE	68



ABOUT MK-DENT



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 cleanability.

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.

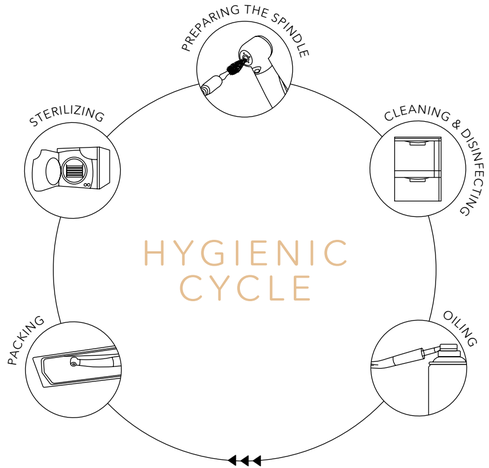
Ultimate blend of supreme performance: MK-dent introduces its outstanding premium cartridge. The AeroAcoustic blade, honed to create 25 Watts of steady power. Thanks to proprietary laser balancing technology, the Prime Line turbines run smoothly and vibrationfree at max. 55 dB.

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






FIND THE RIGHT MK-DENT HANDPIECE FOR YOU.	PRIME LINE	CLASSIC LINE	ECO LINE	BASIC LINE
Power (W)	Up to 25	Up to 28	Up to 28	Up to 21
Sound level (db) [1]	Max. 55	Max. 57	Max. 60	Max. 65
Coating	Titanium	Chrome	Chrome	Chrome
Back cap	Push button	Push button	Push button	Push button
Cartridge	AeroAcoustic blade	AeroPower blade	AeroPerformance blade	AeroPerformance blade
Bur guide	Carbide	Carbide	Carbide	Steel
Reverse flow protection	•	•	–	–
Automatic pressure regulation	• / – [2]	–	–	–
Refined ceramic bearings	•	•	•	•
Glass rod fiber optics	•	o	o	o

• Standard o 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

NEXT-GEN CARBIDE
BUR GUIDE

REFINED CERAMIC
BEARINGS

AUTOMATIC PRESSURE
REGULATION

SCRATCH-RESISTANT
TITANIUM COATING

REVERSE FLOW
PROTECTION

GLASS ROD
FIBER OPTICS

135°C

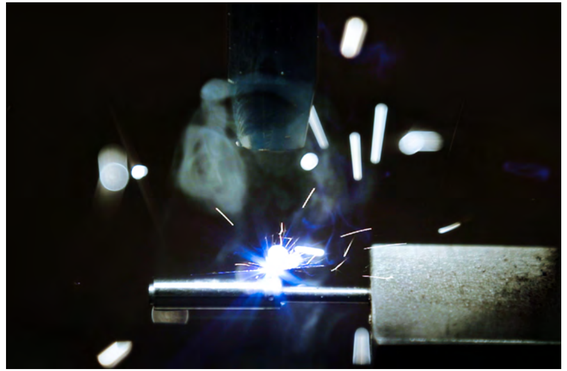
STERILISABLE AND
THERMODISINFECTABLE

PRIME LINE

up to	max.	approx.
25 Watt	55 dB	350k rpm
POWER	VOLUME	SPEED







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 – 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 unrivaled 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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



CLASSIC LINE

up to	max.	approx.
28 Watt	57 dB	375k rpm
POWER	VOLUME	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

» VISIT MK-DENT.COM FOR MORE INFORMATION.

AEROPERFORMANCE
BLADE

NEXT-GEN CARBIDE
BUR GUIDE

REFINED CERAMIC
BEARINGS

SMOOTH CHROME
COATED BODY

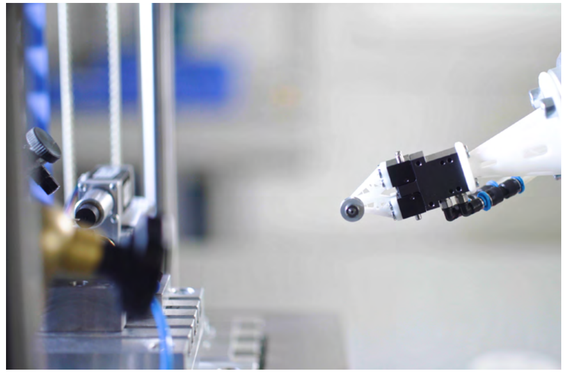
GLASS ROD
FIBER OPTICS

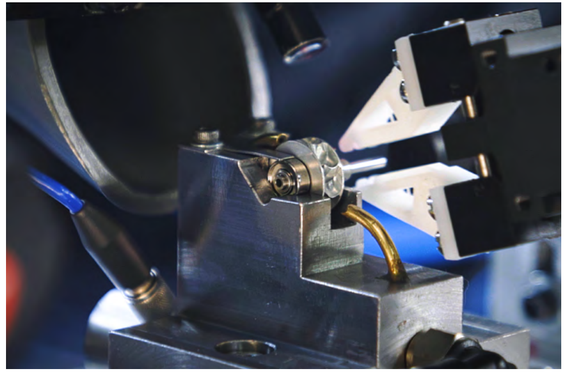
135°C
STERILISABLE AND
THERMODISINFECTABLE

ECO LINE

up to	max.	approx.
28 Watt	60 dB	320k rpm
POWER	VOLUME	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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



BASIC LINE

up to	max.	approx.
21 Watt	65 dB	350k rpm
POWER	VOLUME	SPEED

AEROPERFORMANCE BLADE

NEXT-GEN STEEL BUR GUIDE

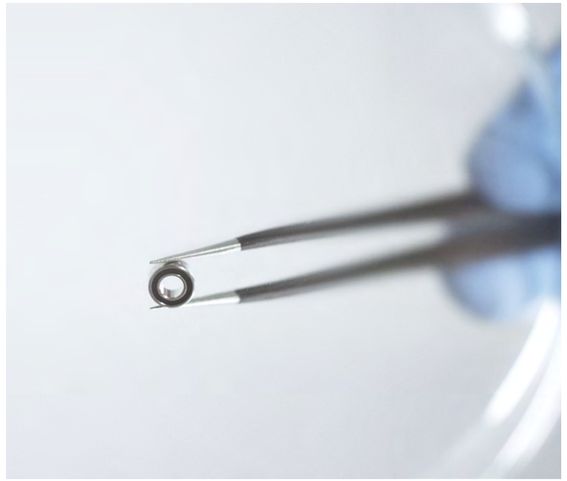
REFINED CERAMIC BEARINGS

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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



CONTRA-ANGLE HANDPIECES

HIGHLIGHTS CONTRA-ANGLES

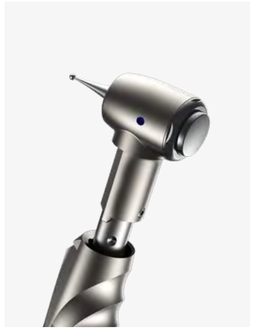
THE RESULT OF 25 YEARS EXPERIENCE



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 TECHNLOGY, 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 5500 K, 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









FIND THE RIGHT MK-DENT HANDPIECE FOR YOU.	PRIME LINE	CLASSIC LINE	ECO LINE	BASIC LINE
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 [1]	•	•	•	•
Long-life gears	•	•	•	•
Glass rod light conductor	•	o	o	–

• Standard o 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

135°C

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): Ø 9.8 x H 14.3
USABLE BURS: CA-BURS (Ø 2.35 mm)
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): Ø 9.8 x H 14.8
USABLE BURS: FG-BURS (Ø 1.6 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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



CLASSIC LINE

- INTERCHANGEABLE CLASSIC HEADS
- LONG-LIFE GEARS
- RANGE OF TRANSMISSION
- GLASS ROD LIGHT CONDUCTOR
- ATHLETIC CLASSIC BODY
- LIGHTWEIGHT FOR TIRELESS WORKING
- OPTIMUM BALANCE
- 135°C 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 9.8 x H 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 9.8 x H 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 9.8 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 HEAD
LCH21P

2:1 PROPHY POLISHING

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

» VISIT MK-DENT.COM FOR MORE INFORMATION.

INTERCHANGEABLE HEADS

LONG-LIFE GEARS

RANGE OF TRANSMISSION

GLASS ROD LIGHT CONDUCTOR

SMOOTH CHROME COATED BODY

LIGHTWEIGHT FOR TIRELESS WORKING

OPTIMUM BALANCE

135°C

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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



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

135°C

STERILISABLE AND
THERMODISINFECTABLE



BASIC LINE CONTRA-ANGLE
LB11W 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): Ø 9.5x 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 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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



BASIC LINE HEAD
LBH11

1:1 PREPARATION

COUPLING TYPE: CONTRA-ANGLE BODY
HEAD SIZE (MM): Ø 9.5 x H 13.3
USABLE BURS: CA-BURS (Ø 2.35 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): Ø 8.0 x H 13.3
USABLE BURS: FG-BURS (Ø 1.6 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): Ø 7.7 x H 14.2
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

» VISIT MK-DENT.COM FOR MORE INFORMATION.



PROPHYLAXIS



PROPHY LINE

360°

360°
NOZZLE

SYNTHETIC MATERIAL
HOUSING

PLUG AND
PLAY

135°C

STERILISABLE AND
THERMODISINFECTABLE [1]

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 FOR MORE INFORMATION.

1) Only the removable powder tip of the Prophy Line Air Polishing Device is sterilizable.



LINEAR TIP MOVEMENT



SYNTHETIC MATERIAL HOUSING



STAINLESS STEEL CAP



STERILISABLE AND THERMODISINFECTABLE

LIGHT: √ **SCALER TIP TYPES[1]:** EMS, SATELEC, KAVO **HOSE CONNECTION TYPES:** 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 FOR MORE INFORMATION.

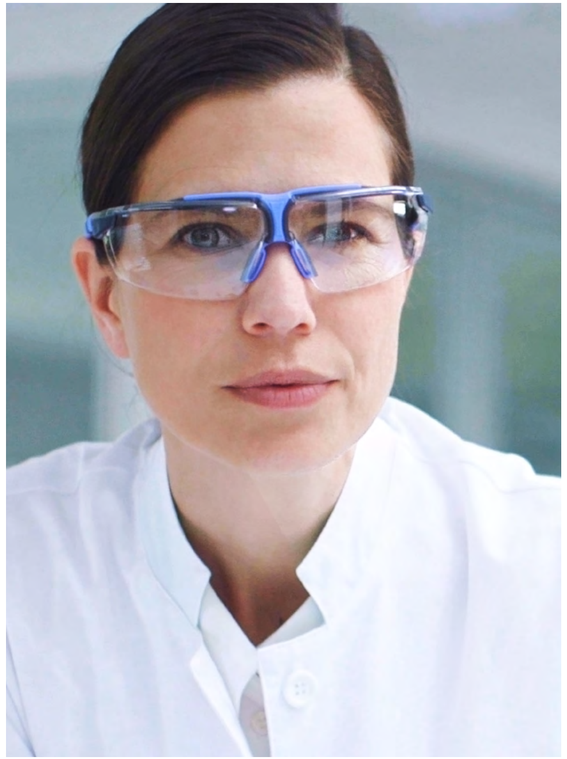
1) Please ensure the correct tip is used for each model.

PROPHY LINE





MK-DENT SERVICE

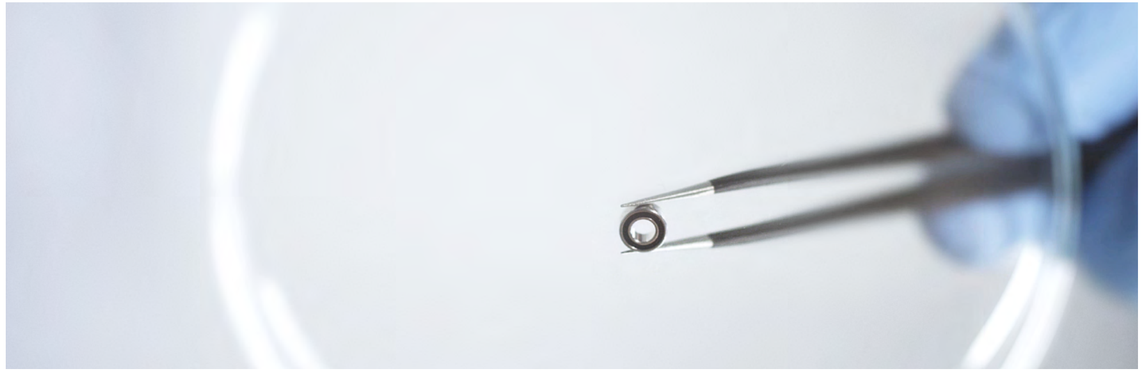


MK-dent Service

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

VDDI
Dental Solutions.
German Manufacturers.

LIFE
SCIENCE
NORD

© 2022 MK-dent GmbH. All rights reserved.
Marie-Curie-Str. 2, 22941 Bargteheide, Germany · mk-dent.com
Marketing Communications. All illustrations and specifications contained in this brochure are based on the latest product information available at the time of publication. MK-dent reserves the right to make changes at any time, without notice, to colors, materials, equipment, specifications and models. Any variations in colors shown are due to reproduction variations of the printing process. Illustrations may include test situations. Some handpieces may be shown with non-U.S. equipment. Some handpieces are shown with optional equipment.

MK-22-01-A

Acteon-Satelec, B.A. International, Bien-Air, Chirana, EMS, Faro, Fona, Kavo, Mectron, Midwest, NSK, Planmeca, Sirona,W&H and Yoshida are registered trademarks. MK-dent GmbH has no economic connection with the aforementioned companies. Misprints and errors excepted.