

DISCOVER THE ADVANTAGES

High Speed Handpieces
Quick Connectors
Replacement Cartridges
Low Speed Handpieces
LEDs & XENON Bulbs
Prophylaxis
Maintenance Products







The High-Quality Solution, experience it yourself!

MK-dent, a company which was founded more than 15 years ago, has become a competent partner in the dental market when it comes to dental instruments, maintenance and accessories.

With our newly-developed Premium Spindle we have reached a level of High Quality, endurance and performance that is unmatched in the industry. An extremely long life allows a safe and very economic operation on a daily base. In conjunction with the new and unique silent Turbine Series „Prime Line“ you can convince yourself of this quality.

Also for the field-upgradable LEDs and Halogen Bulbs, we set the standard of quality at an unbeatable price-performance ratio. MK-dent offers you the widest range for those products, world-wide.

Our program is the result of extensive market research. It has always been our mission to develop and to produce our products according to your needs! Because ultimately you are working with our products and this is our greatest asset!

Find out about the thrift in dealing with MK-dent. In addition to the congenial-moderate purchasing prices, you can keep any repair and maintenance costs within manageable limits, without compromising anything!

Our low-cost High-Quality parts make this possible. With a quality product such as MK-dent, repairs are worthwhile.

Until now, our products have proven themselves in over 90 countries worldwide.

„Discover the Advantages!“

PRIME LINE

Cutting edge Technology combined with Design



Only $\leq 55\text{dB}$! Quiet like no other!

The Prime Line of MK-Dent does not only set a new quality standard, further is its sound potential unequaled. Even Low Speed Instruments cannot match this noise level. In combination with a uniquely durable Spindle, the Prime Line will also meet your highest expectations. The use of a carbide insert, high concentricity, and a perfect balance will actually exceed your expectations. The ergonomic and light Prime Grip is a guarantee for safe and efficient operation. The modular design allows you a cost-effective maintenance of all parts.





Prime Grip

More grip through anatomic structure and best material



Glass Rod Light Conductor

More than 40.000 LUX passing through lossless



Pushbutton System

Safe and easy to handle



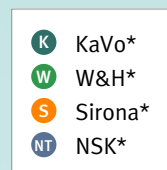
Ceramic Ball Bearings

Longer durability compared to steel bearings



Spray System

3- or 4-hole spray system - the choice is yours



Compatibility

Compatible to a great variety of Quick Connectors



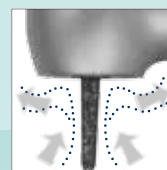
Premium Spindle

Extreme durability through perfect concentricity and carbide insert



Pressure Reduction

Self-acting pressure reduction to 2,8bar at all KaVo*-types



Integrated Non-Return Valves

Prevents Cross-infection

PRIME LINE - HIGH SPEED HANDPIECES WITH LIGHT



HC9021



HC9022

POWER	SMALL	Head Size
x	x	Glass Rod Light Conductor
4-hole	3-hole	Spray System
20	18	Power (Watt)
Ceramic	Ceramic	Bearings
		Compatible Quick Connectors

ART.NR. WITH LIGHT

HC9021K	HC9022K
HC9021W	HC9022W
HC9021S	HC9022S
HC9021NT	HC9022NT
HC9021B	HC9022B

PRIME LINE - HIGH SPEED HANDPIECES WITHOUT LIGHT



HC8021



HC8022

POWER	SMALL	Head Size
-	-	Glass Rod Light Conductor
4-hole	3-hole	Spray System
20	18	Power (Watt)
Ceramic	Ceramic	Bearings
		Compatible Quick Connectors

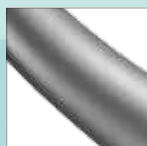
ART.NR. WITHOUT LIGHT

HC8021K	HC8022K
HC8021W	HC8022W
HC8021S	HC8022S
HC8021NT	HC8022NT
HC8021NT	HC8021NT

TITANIUM LINE

Quality & Design

Experience a perfect combination of sophisticated technology and modern design with the Titanium Line High Speed Handpieces. The ergonomic easy to clean handpiece fits perfectly in your hand and offers a new advantage in comfort and hygiene. High-grade components and sophisticated technology provide powerful, quiet and pleasant vibration-free operation.



Titan Grip



Glass Rod
Light Conductor



Pushbutton
System



Ceramic Ball
Bearings

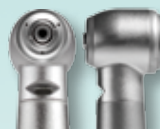


Premium
Spindle



Multiflex©
compatible

TITANIUM LINE - HIGH SPEED HANDPIECES WITH LIGHT



HC7021K



HC7022K



HC7012K

Head Size	POWER	SMALL	MINI
Glass Rod Light Conductor	x	x	x
Spray System	3-hole	3-hole	1-hole
Power (Watt)	18	16	15
Bearings	Ceramic	Ceramic	Ceramic

TITANIUM LINE - HIGH SPEED HANDPIECES WITHOUT LIGHT



HC5021K



HC5022K



HC5012K

Head Size	POWER	SMALL	MINI
Glass Rod Light Conductor	-	-	-
Spray System	3-hole	3-hole	1-hole
Power (Watt)	18	16	15
Bearings	Ceramic	Ceramic	Ceramic

CLASSIC LINE

Proven Technique and Classical Design

Proven and tested. Classic Line High Speed Handpieces are highly appreciated by many users for their durability and firm grip design.

No compromise in quality, our Classic Line is manufactured with the latest hightech components. Quiet, comfortable to use in all application areas.



Classic Grip



Glass Rod
Light Conductor



Pushbutton
System



Ceramic Ball
Bearings



Premium
Spindle



Multiflex©
compatible

CLASSIC LINE - HIGH SPEED HANDPIECES WITH LIGHT



HC6021K



HC6022K



HC6012K

POWER

x

3-hole

18

Ceramic

SMALL

x

3-hole

16

Ceramic

MINI

x

1-hole

15

Ceramic

Head Size

Glass Rod Light Conductor

Spray System

Power (Watt)

Bearings

CLASSIC LINE - HIGH SPEED HANDPIECES WITHOUT LIGHT



HC4021K



HC4022K



HC4012K

POWER

-

3-hole

18

Ceramic

SMALL

-

3-hole

16

Ceramic

MINI

-

1-hole

15

Ceramic

Head Size

Glass Rod Light Conductor

Spray System

Power (Watt)

Bearings

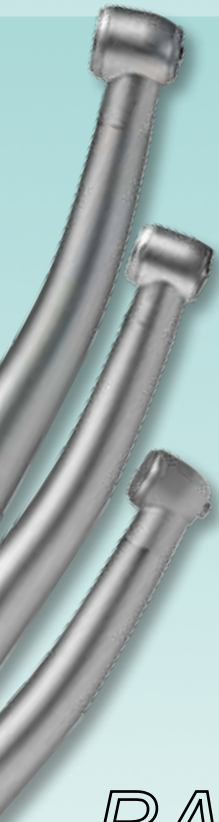
ECO LINE

Ergonomic, high quality, affordable price

Same high quality components, comfortable grip with ergonomic Design.

The chrome finish of the ECO LINE High Speed Handpieces is especially easy to disinfect and clean.

Connects directly to your hose system. Available with Mini-, small- or Standard-head.



						
HC2022	HC2024	HC2001	HC2002	HC2003	HC2004	
STANDARD	SMALL	STANDARD	STANDARD	MINI	MINI	Head Size
3-hole	3-hole	1-hole	1-hole	1-hole	1-hole	Spray System
18	16	18	18	15	15	Power (Watt)
Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Bearings
4-hole	4-hole	2-hole	4-hole	2-hole	4-hole	Hose System


BASIC LINE

High quality with power grip design

Standard MK-dent Quality with proven Technology and Power Grip Design.

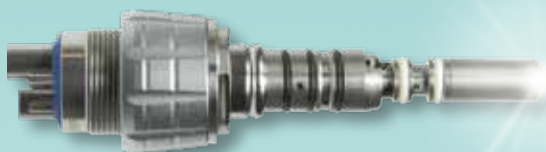
Connects directly to your hose system. Available with Mini- or Standard-head.



				
HC2011	HC2012	HC2013	HC2014	
STANDARD	STANDARD	MINI	MINI	Head Size
1-hole	1-hole	1-hole	1-hole	Spray System
18	18	15	15	Power (Watt)
Ceramic	Ceramic	Ceramic	Ceramic	Bearings
2-hole	4-hole	2-hole	4-hole	Hose System

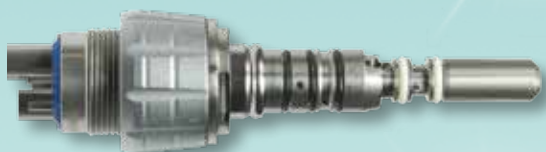
QUICK CONNECTORS for MK-dent, KaVo* & W&H*

Whether LED, XENON bulb or Glass rod light conductor, with spray regulation system or without, 2-hole, 4-hole, 5-hole or 6-hole connection - you have all possibilities with our Quick Connectors. Equipment is important! With each Quick Connector you will receive another suitable O-ring set. Also, in the package you will find a replacement bulb for all Quick Connectors with XENON-light.



QC6016KW

6-hole Quick Connector with LED-light & spray regulation system, suitable for MK-dent and KaVo* High Speed Handpieces.



QC5016KW

6-hole Quick Connector with XENON-light & spray regulation system, suitable for MK-dent and KaVo* High Speed Handpieces.



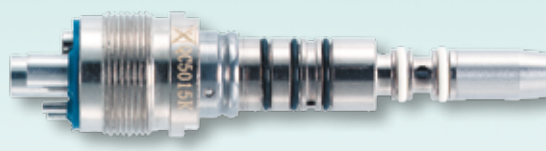
QC6016K

6-hole Quick Connector with LED-light, suitable for MK-dent and KaVo* High Speed Handpieces.



QC5016K

6-hole Quick Connector with XENON-light, suitable for MK-dent and KaVo* High Speed Handpieces.



QC5015K

5-hole Quick Connector with Glass rod light conductor, suitable for MK-dent and KaVo* High Speed Handpieces.



QC4014K

4-hole Quick Connector without light, suitable for MK-dent and KaVo* High Speed Handpieces.



QC4012K

2-hole Quick Connector without light, suitable for MK-dent and KaVo* High Speed Handpieces.



QC5016W

6-hole Quick Connector with power supply, suitable for W&H* Rota-Quick® System.



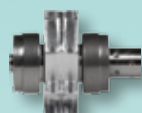
QC4014W

4-hole Quick Connector without power supply, suitable for W&H* Rota-Quick® System.

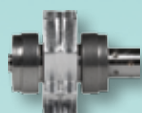
REPLACEMENT CARTRIDGES suitable for many brands

The cartridge, the heart of each High Speed Handpiece, determines, like no other component the quality of this product. We have therefore built our newly-developed Premium Spindle even into the replacement cartridges. Because of the carbide insert, high concentricity and a perfect balance, the lifetime/endurance is remarkably longer than comparable cartridges. You can experience this quality for all MK-dent-, as well as for a variety of cartridges for KaVo*, W&H* and Midwest* High Speed Handpieces, at a very moderate price.

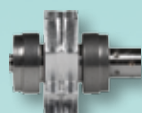
FOR MK-DENT HIGH SPEED HANDPIECES



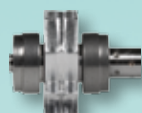
TC2011



TC2012



TC2021



TC2031



TC2032



TC2041



TC2042

HC2011, HC2012,
HC4011, HC6011

HC2013, HC2014,
HC4012, HC6012

HC2001, HC2002,
HC2011, HC2012

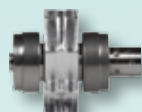
HC2022, HC4021,
HC5021, HC6021,
HC7021

HC2013, HC2014,
HC4012, HC4022,
HC5012, HC5022,
HC6012, HC6022,
HC7012, HC7022,
HC2003, HC2004
HC2024

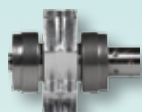
HC8021, HC9021

HC8022, HC9022

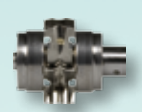
FOR KAVO* HIGH SPEED HANDPIECES



TC1011K



TC2011K



TC2012K



TC2450US



TC2600BK



TC2635BK



TC2637BK

SuperTorque
625/630A, 640A
FG System

SuperTorque
630B/C, 640B/C

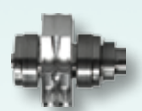
BellaTorque
639B/C, 642B/C,
645B/C

GentleSilence
4500B

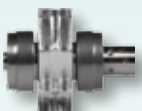
GentleForce 6000

Mira 635B/C

BellaTorque
637B/C



TC2647BK



TC2650BK



TC2650US



TC2655BK



TC2700BK



TC2800BK

SuperTorque
647B/C, 649B/C

SuperTorque
650B/C

GentleSilence
6500

SuperTorque
655B/C, 660B/C

GentleForce 7000

GentleSilence
8000

FOR W&H* HIGH SPEED HANDPIECES



TC2011W



TC2012W

TA98

TA96

FOR MIDWEST* HIGH SPEED HANDPIECES



SB3011MWL



TS2011MWL



TS2011MWX

Lever Type
Steel Insert
without Bearings

Lever Type

XGT Type

PROPHY LINE

light-weighted, efficient, universal

Our Propy Line is an air-driven dental polishing device that is especially designed to your needs. It is smooth and easy to handle. The whole instrument is very compact and light-weighted, that makes the Propy Line easy to use. The outer handle rotates 360° and the unique RotaGrip © allows you due to an almost zero resistance rotation, a very simple and fatigue-proof operation. The Propy line is compatible with most popular quick-coupling systems, and is therefore universally applicable. Care and maintenance are simple. The Propy Powder is very efficient in the removal of coatings and this comes in mint, lemon and strawberry flavor.



PR1011K
KaVo*



PR1011WH
W&H*



PR1011S
Sirona*



PR1011NT
NSK*



PR1011BA
BienAir*

PROPHY POWDER

Prophylaxis cleaning powder for use with Propy Line and other Air-Flow Handpieces.
Content 300g.



PP1011
Propy Powder,
Mint flavor



PP1012
Propy Powder,
Lemon flavor

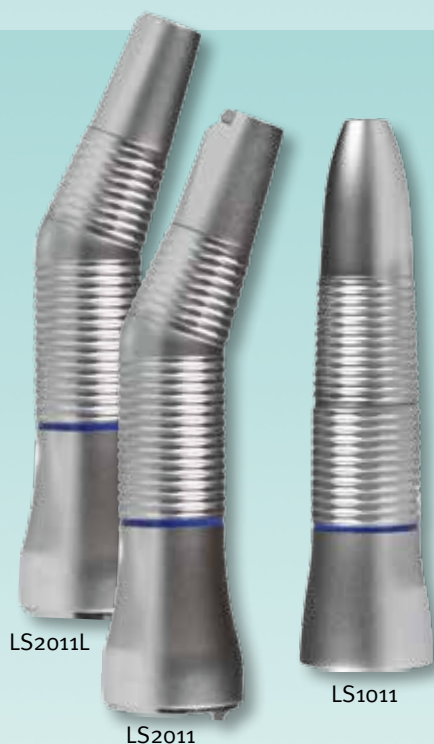


PP1013
Propy Powder,
Strawberry flavor

CLASSIC LS LINE

High-Tech Precision

MK-dent's Contra Angle- and Straight Handpieces offer high-tech precision and convincing reliability. Feel the good, comfortable and secure grip each time you use it. In every situation, the instrument can be handled easily and precise. The Glass Rod Light Conductor makes it possible to guide more than 40.000 LUX lossless. The Classic LS Line is compatible to all standard INTRAmatic® connections. The Contra Angle- and Straight Handpieces and it's heads are compatible to KaVo*.



LS1011	LS2011L	LS2011	
-	X	-	Glass Rod Light Conductor
X	X	X	Suitable for Motors with INTRAmatic® Connection
40.000 Rpm	40.000 Rpm	40.000 Rpm	Max. Speed
1:1	1:1	1:1	Transmission
-	MK-dent, KaVo*	MK-dent, KaVo*	Matching Heads

	LS9011	LS9021	LS9016
Transmission	1:1	2:1	1:1
Fits Contra Angle Handpiece	X	X	X
Max. Speed	40.000 Rpm	20.000 Rpm	40.000 Rpm
Matching Burs	Contra Angle Burs	Contra Angle Burs	FG-Burs



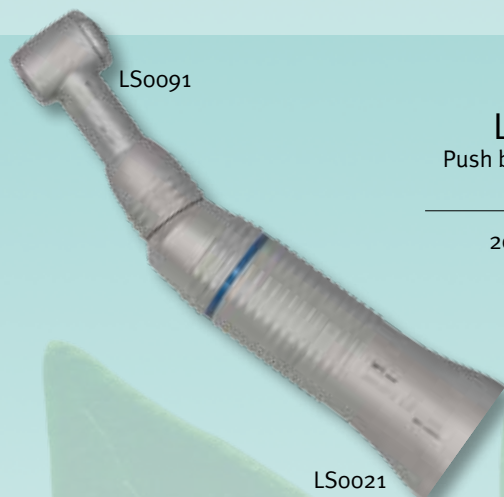
AM1016 AIR-MOTOR WITH LED

Powerful drive for your Low Speed Handpieces. With LED, spray regulation system, and the standard 4-hole INTRAmatic® connection suitable for all common instruments. Infinitely adjustable right and left drive with up to 20.000 Rpm. Guided interior separate coolants and LED light. Also available without light (AM1014).

BASIC LS LINE

The newest addition to our product portfolio covers a variety of Low Speed Attachments and Air Motors. The Basic LS Line covers Air-Motors without water supply and with a possible external water supply. The Straight Handpiece comes without internal water and another model that suits the Propy Attachments or an external water supply.

The Basic LS Line is developed and produced in the known and proven quality.



LS0091
Push button Head for
LS0031

LS0021
Bottom Part for
LS0031

LS0031
Contra Angle
Handpiece

20.000 Rpm

20.000 Rpm

20.000 Rpm

Max. Speed

1:1

1:1

1:1

Transmission

LS0021

LS0011
Handpiece without
water

LS0012
Handpiece with water,
suitable for
disposable Propy Heads

Max. speed

40.000 Rpm

40.000 Rpm

Transmission

1:1

1:1



LS0011

LS0012

AM0004

AM0014

AM0012

AM0002
Air Motor without
water

AM0012
Air Motor with
external water

AM0004
Airmotor without
water

AM0014
Airmotor with
external water

20.000 Rpm

20.000 Rpm

20.000 Rpm

20.000 Rpm

Max. Speed

2-hole

2-hole

4-hole

4-hole

Connection

AM0002



MK-DENT LEDs Highest Quality, Widest Range

Flexible, user-friendly, economically and dazzling good - the MK-dent LEDs. Quick and easy replacement from conventional Halogen light to LED. No need to replace existing couplers.

MK-dent LEDs offer superior luminosity without glare or haloes.

5500K daylight color temperature and clearer color contrasts are making them easy on the eyes.

Economically friendly, with a up to 15 times longer lifespan than conventional Halogen Light Sources.

					
BU8012	BU8012KM	BU8012SB	BU8012SG	BU8012BA	BU8012BA/V2**
MK-dent/KaVo* Coupler	KaVo* Motors	Sirona* Coupler	Sirona* Motors	BienAir* Motors (not for rotating current)	BienAir* Motors (not for rotating current)
					
BU8012BAK	BU8012WH	BU8012WH/V2**	BU8012WLT	BU8012WEA	BU8012WRA
BienAir* Coupler, Turbines, Midwest* Coupler	W&H* Turbines	W&H* Turbines	W&H* Air Motor LT25	W&H* Motors 40LT, 50LT, A51LT	W&H* RA24 Coupler
					
BU8012WRA/V2**	BU8012N	BU8012NT	BU8012NNL	BU8012C	BU8012C/V2**
W&H* RA24 Coupler	NSK* Coupler	NSK* Motors TIM40, TI205L	NSK* NL Motors	Castellini* Turbines	Castellini* Turbines
			<p>**Each unit is featured by a polarization of positive and negative pole. Because of constructional asymmetry, the bulb can not be installed in alternative position. If the regular bulb does not work, Version 2 (V2 with reversed polarization) is required.</p>		
BU8012Y	BU8012ST	BU8012ST/V2**			
Yoshida* Coupler	Star* Coupler	Star* Coupler			

XENON BULBS

Our Long Life XENON Bulbs have ultrabright output, high focus intensity, uniform brightness and are prices very economically. Compatible with different major brands of couplers.

			
BU7012	BU7012SB	BU7012SG	BU7012WH
MK-dent/KaVo* Coupler, Motors	Sirona* Coupler	Sirona* Motors	W&H* Turbines
			
BU7012BA	BU7012BAK	BU7012N	BU7012ST
BienAir* Motors	BienAir* Turbines	NSK* Coupler	Star* Coupler

FULL SYNTHETIC OIL

Using our Full Synthetic Oil instead of Standard Mineral Oil will increase the life span of your instruments dramatically. No residue build-up, pleasant spearmint smell. It works with any type of Turbine an Contra Angle Handpiece.



LU1011 - PREMIUM SERVICE OIL

for maintenance of all High- and Low Speed Handpieces. Choose from a large selection of lubrication tools.

Mint scent, 500ml.



LU1022 - PREMIUM SERVICE OIL

for maintenance of all High- and Low Speed Handpieces. Only for KaVo* QUATTROcare System. Mint scent, 500ml.



LU1031 - CLEANING OIL

Premium Service Oil for maintenance of all High and Low Speed Handpieces.

Suitable for W&H* - Assistina.

Content 500ml.

LUBRICATION TOOLS

These High-Quality Lubrication Tools are manufactured from aluminum. A long lifetime and proper lubrication is guaranteed.

					
LT1011	LT1012	LT1013	LT1014	LT1015	LT1016
MK-dent	KaVo*	Low Speed Handpieces	Spindles	Universal 4-hole Turbines	Universal 2-hole Turbines
					
LT1017	LT1018	LT1019	LT1020	LT1021	LT1022
Sirona*	W&H*	NSK* CHQD	NSK* TiMax	Star*	Yoshida*

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