

MZ-dent[®]
GERMANY

Highspeed Handpieces



Discover the advantages...

Discover the advantages










Our Turbine range is the result of extensive market analysis. Our target was, and is, to construct and produce Turbines that fits to the demand of your daily work.

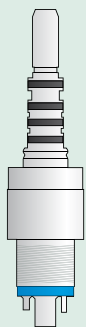
You can expect top quality from every MK-dent Turbine. This we guarantee because of high-tech components and a modern production facility. A 100% final inspection guarantees you the best you can get.

The final result of all these facts is a sophisticated Turbine range for a long life, high performance, extreme power, quiet and vibration-free operation combined with comfort.

Another important aspect of MK-dent Turbines is affordability. Not only the attractive purchase price and the long durability help you to work economically. We understand the fact, that repair- and maintenance costs is equally important. Our quality spare parts are available at a very competitive price worldwide.

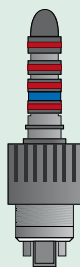
Good arguments for MK-dent Turbines

-  Robust 25.000 LUX fibre optic glass rod for perfect view in every situation. Sterilization resistant at up to 135 °C and thermally disinfected without reducing the light intensity
-  Perfect working and easy to care for 3-port- or 1-port spray cooling-system. A good prevention for thermal damage of the tooth
-  3 different head types and sizes for perfect working in all areas. Choose between Power-Head, Small-Head and Mini-Head
-  Ergonomic shape with a special titanium plated casing. Easy to clean surface, nearly as hard as a diamond. „Titanium Grip“ – the ingenious extra touch for the daily work
-  High-Tech ceramic-bearings for a quiet and vibration-free running with a long lifetime
-  Comfort pushbutton chuck system for quick, easy and safety bur changing
-  The concept of compatibility - one more good reason to decide for MK-dent



M

MK-dent**



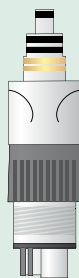
S

Sirona*



K

KaVo*



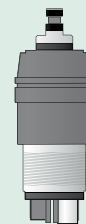
W

W&H*



NT

NSK Mach*



NQ

NSK QD-J*

** Further information's to our couplings you'll find on page 9

TITANIUM LINE (with light)

Discover with the new „Titanium LINE“ turbines a perfect combination of leading-edge technology and modern Design.

The ergonomic Design ensures easy cleaning, lies optimally in your hand and offers you a new plus of comfort and hygiene.

High-Quality components and proven technology provide you all qualifications for powerful, pleasantly quiet and vibration-free operation.



HC7021



HC7022



HC7012



 25.000 LUX light	•	•	•
 Cooling system	3-port Spray	3-port Spray	1-port Spray
 Headsize	Power	Small	Mini
 Power (Watt)	18 W	16 W	15 W
 Idling speed (rpm)	approx. 340.000	approx. 420.000	approx. 420.000
 Titanium plated casing	•	•	•
 Bearings	Ceramic	Ceramic	Ceramic
 Comfort-Pushbutton	•	•	•
 Coupler	M S K W NT	M S K W NT	M S K W NT

TITANIUM LINE (without light)



MK-dent turbines conform to high requirements for hygiene claims.

- Can be sterilized in an autoclave at up to 135°C
- Can be thermally disinfected



HC5021

HC5022

HC5012



-	-	-	25.000 LUX light	
3-port Spray	3-port Spray	1-port Spray	Cooling system	
Power	Small	Mini	Headsize	
18 W	16 W	15 W	Power (Watt)	
approx. 340.000	approx. 420.000	approx. 420.000	Idling speed (rpm)	
•	•	•	Titanium plated casing	
Ceramic	Ceramic	Ceramic	Bearings	
•	•	•	Comfort-Pushbutton	
			Coupler	

CLASSIC LINE (with light)

Well known and successful! „Classic-Line“ Turbines are preferred by many dentists.

The reasons are the proven technology with a long lifetime on the one side and the perfect working feeling because of pleasant and powerful grip on the other side.

No compromises in terms of quality. MK-dent Turbines are made without exception out of high-quality components.

Quiet and trouble free operation working in all areas.



HC6021

HC6022

HC6012



 25.000 LUX light	•	•	•
 Cooling system	3-port Spray	3-port Spray	1-port Spray
 Headsize	Power	Small	Mini
 Power (Watt)	18 W	16 W	15 W
 Idling speed (rpm)	approx. 340.000	approx. 420.000	approx. 420.000
 Bearings	Ceramic	Ceramic	Ceramic
 Comfort-Pushbutton	•	•	•
 Coupler	M S K W NT	M S K W NT	M S K W NT

CLASSIC LINE (without light)



MK-dent turbines conform to high requirements for hygiene claims.

- Can be sterilized in an autoclave at up to 135°C
- Can be thermally disinfected



CE 0123

HC4021

HC4022

HC4012



-	-	-	25.000 LUX light	
3-port Spray	3-port Spray	1-port Spray	Cooling system	
Power	Small	Mini	Headsize	
18 W	16W	15 W	Power (Watt)	
approx. 340.000	approx. 420.000	approx. 420.000	Idling speed (rpm)	
Ceramic	Ceramic	Ceramic	Bearings	
•	•	•	Comfort-Pushbutton	
			Coupler	

BASIC LINE



HC2011 - Power head, 1-port spray, ceramic-bearings, comfort-pushbutton-system,
18 Watt power at 340.000 rpm, fits for 2-hole Borden tubings



HC2012 - Power head, 1-port spray, ceramic-bearings, comfort-pushbutton-system,
18 Watt power at 340.000 rpm, fits for 4-hole tubings



HC2013 - Small head, 1-port spray, ceramic-bearings, comfort-pushbutton-system,
15 Watt power at 420.000 rpm, fits for 2-hole tubings



HC2014 - Small head, 1-port spray, ceramic-bearings, comfort-pushbutton-system,
15 Watt power at 420.000 rpm, fits for 4-hole tubings



HC1011 - Power head, 1-port spray, ceramic-bearings, friction-grip-system,
18 Watt power at 340.000 rpm, fits for 2-hole tubings



HC1012 - Power head, 1-port spray, ceramic-bearings, friction-grip-system,
18 Watt power at 340.000 rpm, fits for 4-hole tubings

Coupler

MK-dent coupler



MK-dent spare part KaVo* coupler



MK-dent coupler

- ① **QC5016M**
6-pin coupler
with bulb
- ② **QC4014M**
4-pin coupler
- ③ **QC4012M**
2-pin coupler

Fits for MK-dent Turbines
with MK-dent coupling system

MK-dent spare part KaVo* coupler

- ④ **QC5016K**
6-pin coupler
with bulb
- ⑤ **QC5015K**
5-pin coupler
with fibre optic glass rod
- ⑥ **QC4014K**
4-pin coupler
- ⑦ **QC4012K**
2-pin coupler

Fits for MK-dent Turbines with KaVo* coupling
system and original KaVo* Turbines

All-Synthetic Special Oil for Lubrication & Cleaning of Handpieces For any well-known Brand of Handpiece

Use for:

- Turbines
- Straight and contra angle Handpieces
- Air Motors
- Surgical Instruments
- Air Scalers

Premium Quality

MK-dent Premium Handpiece Lubricant & Cleaner is an all-synthetic special oil with the highest purity class in combination with best quality additives formulated to give your hardworking instruments a much longer lifespan

Advantages compared to standard mineral oil lubrication:

- Lower working temperature and more power because off less friction
- Less deposits
- Less consumption, more economical
- Better flow and allocation behavior
- Better wear protection, thus a longer lifespan
- Best thermal stability and oxidation resistance
- Excellent material compatibility
- Higher performance

High Performance

Keep in mind that your instruments spin up to 420.000 rpm. The parts spinning such high speed revolution need a certain oil. Protect your instruments from premature wear and tear with MK-dent Premium Lubricant and Cleaner.



Lubrication Tools:

									
LT1020 NSK* Mach	LT1013 Slow Speed attachments	LT1012 KaVo*	LT1017 Sirona*	LT1011 MK-dent	LT1019 NSK* QD-J	LT1018 W&H*	LT1014 Spindles	LT1016 Universal	LT1015 5-hole Universal

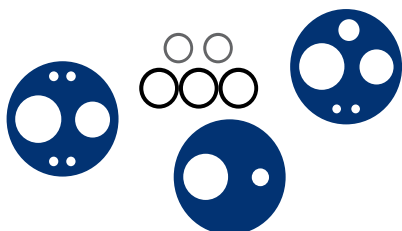
Spare Parts

Spray- and Backcap keys, stainless steel



Spray- and Backcap keys for MK-dent Turbines and most of KaVo* Turbines

Gaskets and O-Rings



Gaskets and O-Rings for cartridges, turbine housings, spray cover and coupler for MK-dent and most KaVo* turbines and couplers

Replacement Cartridges

Fits for MK-dent Turbines (incl. 2 O-Rings)

TC1011 FG-Cartridge fits for HC1011 and HC1012 (Ceramic Bearings)



TC2031 Pushbutton - Cartridge fits for Powerhead (Ceramic Bearings)



TC2032 Pushbutton - Cartridge fits for Small- and Mini-Head (Ceramic Bearings)



Fits for original KaVo* Turbines (incl. 2 O-Rings)

TC1011K FG-Cartridge fits for Super Torque 625/630 (Ceramic Bearings)



TC2011K Pushbutton - Cartridge fits for Super Torque 630B/C und 640B/C (Ceramic Bearings)



TC2650BK Pushbutton - Cartridge fits for Super Torque 650B (Ceramic Bearings)



TC2655BK Pushbutton - Cartridge fits for Super Torque 655B/C (Ceramic Bearings)



TS2647BK Pushbutton - Cartridge fits for Super Torque 647B und 649B (Steel Bearings)



TC2700BK Pushbutton - Cartridge fits for Gentle Force 7000 (Ceramic Bearings)



TC2012K Pushbutton - Cartridge fits for Bella Torque 639B/C und 642B/C (Ceramic Bearings)



TS2635BK Pushbutton - Cartridge fits for Mira 635B (Steel Bearings)



TS2637BK Pushbutton - Cartridge fits for Bella Torque 637B (Steel Bearings)



Bulbs



BU7012
MK-dent and
KaVo* coupler



BU7012SB
Sirona
motors



BU7012SG
Sirona
coupler



BU7012WH
W&H
turbines



BU7012BA
BienAir
motors

You can find more spare parts in our spare part catalogue, at our website www.mk-dent.com or contact your authorized MK-dent dealer

MK-dent[®]

G E R M A N Y



MK-dent is committed to sell high quality dental equipment and supplies through authorized dealer network 's worldwide. More about us and our program, including Low Speed Handpieces, Rotary Instruments, spare parts, tools, care products and more, you'll find at our website: www.mk-dent.com, in our special catalogues, data sheets and of course by personal information through our dealers and German headquarter.

Authorized Dealer: