



DENTAL HANDPIECES
& INSTRUMENTS

EXCELLENCE IS

OUR STANDARD



2019/2020
PRODUCT GUIDE





**We provide a one-year manufacturer's warranty for
All MDK products.**

Crafted Titanium Body

MDK is specialized in producing dental handpieces in solid titanium body. Titanium is about 30 % lighter than conventional materials for dental handpieces, also strong against repeated sterilization.

The light weight reduces clinicians wrist fatigue significantly and non-slip surface of solid titanium makes the whole procedure safer.

Ceramic Ball Bearing

MDK only use Ceramic ball bearings which generates less wear and less temperatures. Ceramic balls increase the bearing's speed capabilities and life span compared to the Steel ball bearings.

Advanced Spindle-producing Technology

Bur eccentricity causes bur fly-out, bur wobbles and failure of turbine. MDK's spindle(where the bur inserted) is made of Carbide Steel which is very hard metal and the chuck extracting force is $\geq 30N$.

Pressure Control System

MDK's pressure control system ensures only stable amount of air-pressure is provided while operation so the bearings would not be damaged.

Multi Water Spray

MDK's turbines offer from single to multi-port water spray that provide ideal cooling effect for the entire operation.

Fiber Optic System

MDK's Fiber Optic system enhances operator visibility.

Fiber optics are made from solid glass rod instead of a collection of optic fibers.

MDK's LED light bulb generates a brighter and whiter light.

Noise-Free Operation

MDK's advanced balancing technology by high-end balancing equipment provides very quiet operation

And noise level is less than 60dB(A)

Scratch Resistant treatment

MDK's surface treatment technology offers scratch resistant and comfortable grip.

KAVO® COMPATIBLE MDK HANDPIECES

PEDIATRIC HEAD STANDARD HEAD

TORQUE HEAD

45° HEAD



Model: MOKO 760K LED
PEDIATRIC
Order code: M760KLP
Cartridge code: KPEDI



Model: MOKO 560K LED
Order code: M560KLS
Cartridge code: N600



Model: MOKO 760K LED
Order code: M760KLT
Cartridge code: K8000

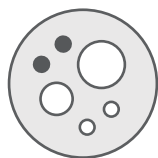


Model: MOKO 760K LED
BLACK
Order code: M760KLB
Cartridge code: K8000

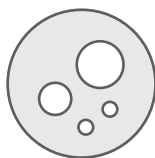


Model: MOKO TN45K LED
Order code: TN45KL
Cartridge code: N600

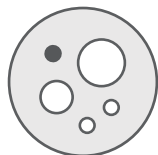
KAVO® COMPATIBLE MDK COUPLERS



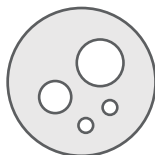
Model: MDK-2C-K1
Order code: MDK-K1
FIBER OPTIC 6-PIN TYPE



Model: MDK-2C-K4
Order code: MDK-K4
E-LIGHT GENERATOR TYPE



Model: MDK-2C-K03
Order code: MDK-K03
FIBER OPTIC 5-HOLE TYPE



Model: MDK-2C-K01/02
Order code: MDK-K01/02
NON OPTIC 2 OR 4-HOLE TYPE

NSK® COMPATIBLE MDK HANDPIECES

PEDIATRIC HEAD



Model: MOKO 760N LED
PEDIATRIC
Order code: M760NLP
Cartridge code: KPEDI

STANDARD HEAD



Model: MOKO 560N LED
Order code: M560NLS
Cartridge code: N600

TORQUE HEAD



Model: MOKO 760N LED
Order code: M760NLT
Cartridge code: K8000

45° HEAD

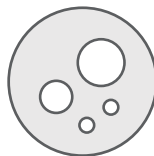


Model: MOKO TN45N LED
Order code: TN45NL
Cartridge code: N600

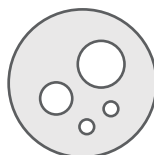
NSK® COMPATIBLE MDK COUPLERS



Model: MDK-2C-N1
Order code: MDK-N1
FIBER OPTIC 6-PIN TYPE



Model: MDK-2C-N4
Order code: MDK-N4
E- LIGHT GENERATOR TYPE



Model: MDK-2C-N01
Order code: MDK-N01
NON OPTIC 4 -HOLE TYPE

SIRONA®/BIEN-AIR® COMPATIBLE MDK HANDPIECES

SIRONA® TYPE

STANDARD HEAD

TORQUE HEAD



Model: MOKO 560S LED
Order code: M560SLS
Cartridge code: N600



Model: MOKO 760S LED
Order code: M760SLT
Cartridge code: K8000

BIEN-AIR® TYPE

STANDARD HEAD

TORQUE HEAD

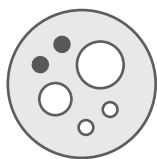


Model: MOKO 560B LED
Order code: M560BLS
Cartridge code: N600

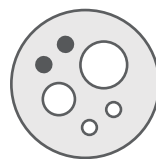


Model: MOKO 760B LED
Order code: M760BLT
Cartridge code: K8000

SIRONA®/BIEN-AIR® COMPATIBLE MDK COUPLERS



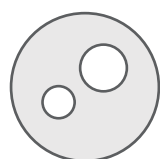
Model: MDK-2C-S2
Order code: MDK-S2
FIBER OPTIC 6-PIN TYPE



Model: MDK-2C-B2
Order code: MDK-B2
FIBER OPTIC 6-PIN TYPE

Specifications are subject to change without notice

BORDEN®/MIDWEST® COMPATIBLE MDK HANDPIECES WITH **PRESSURE CONTROL SYSTEM** *



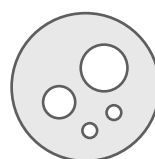
Borden®
2 or 3 hole fitting



Model: MOKO 220BT
Order code: 220BTS
Cartridge code: N600

Model: MOKO 220B
Order code: 220BS
Cartridge code: N600

Model: MOKO 220 BLACK
Order code: 220 BLACK
Cartridge code: N600



Midwest®
4-hole fitting



Model: MOKO 420MT
Order code: 420MT
Cartridge code: N600

Model: MOKO 420M
Order code: 420M
Cartridge code: N600

* WHAT IS PRESSURE CONTROL SYSTEM?

Sometimes dental clinics use higher air pressure than recommended level which leads to early bearing failure. Pressure control system ensures only stable amount of air-pressure is provided while operation so the bearings would not be damaged.

More options 4-hole types

MODEL	ORDER CODE	Material	Head	Cooling
MOKO 430MT	430MT	Titanium	Torque	Multi
MOKO 420MT	420MT		Standard	Multi
MOKO 430M	430M	Non-Titanium	Torque	Multi
MOKO 420M	420M		Standard	Multi
MOKO 450M	450M		Standard	Single

FEATURES OF MDK DENTAL CARTRIDGES

MDK OFFERS TOP QUALITY DENTAL REPLACEMENT PARTS FOR A WIDE RANGE OF THE MAJOR BRANDS.OEM PARTS CAN BE PRODUCED UPON REQUEST.

DIMENSIONAL ACCURACY: $\leq 0.006\text{MM}$
BUR RUNOUT ACCURACY : $\leq 0.006\text{MM}$
ACCURACY OF THE BUR GUIDE: 0.002MM
CHUCK EXTRACTING FORCE: $\leq 30\text{N}$
PUSH BUTTON OPENING FORCE: $\leq 45\text{N}$

HIGH PERFORMANCE CERAMIC BEARINGS
DURABLE CARBIDE MADE BUR GUIDE
ACCURATELY BALANCED BY HIGH-END BALANCING EQUIPMENT



HEAD SIZE	ORDER CODE	COMPATIBILITY
MDK TORQUE HEAD	K8000	KAVO® 8000B
MDK STANDARD HEAD	N600	NSK® TI-MAX 600
MDK PEDIATRIC HEAD	KPEDI	N/A

Specifications are subject to change without notice.

MDK LOW SPEED HANDPIECES

1:1 Constant speed contra-angle



Model: CA-PL1
Order code: FC001
Max. Motor Speed : 40,000 RPM
Fiber optic/For CA burs

20:1 Reduction speed contra-angles for implantology and surgical applications



Model: CA-22PM
Order code: FC004
Non-optic



Model: CA-PL20
Order code: FC004-S
Non-optic



Model: CA-PL20X
Order code: FC003
Fiber optic



Model: CA-PL30
Order code: FC003-S
Fiber optic

1:5 Increasing speed contra-angle



Model: FG-PL15
Order code: FC005
Max. Motor Speed : 40,000 RPM
Fiber optic/For FG burs

Electrical Motor

TI-K40L BRUSHLESS ELECTRIC MOTOR KIT is designed by MDK's specialists of dental instruments, and it is designed with compact structure and is of reliable performance and features simply operating and accurately controlling, and is widely used in such processing as tapping, drilling and grinding when it connects to increasing or reduction drive straight or contra angle dental handpieces as an additional tool in the dental unit.



MMK-001



MMK-002

Model : TI-K70L KIT
ORDER CODE:
Built-in kit : MMK-001
Mobile kit : MMK-002

Features
Power supply : 24 VAC
Infinitely variable speed range : 150 - 200,000 rpm/min
depends on handpieces ratio
Motor power: 50 watt / Torque : 4.7 Ncm

MDK LOW SPEED HANDPIECES

1:1 Non optic contra angles

EXTERNAL SPRAY

INTERNAL SPRAY



Model: CA-20L
Order code: C-001
LATCH TYPE
MAX. SPEED : 25,000 RPM



Model: CA-20P
Order code: C-002
PUSH BUTTON TYPE
MAX. SPEED : 25,000 RPM



Model: CA-20PB
Order code: C-003S
PUSH BUTTON TYPE
MAX. SPEED : 25,000 RPM



Model: CA-20Pi
Order code: C-003
PUSH BUTTON TYPE
MAX. SPEED : 25,000 RPM

1:1 Non optic straight handpieces

EXTERNAL SPRAY

INTERNAL SPRAY



Model: MD-4
Order code: M-001
MAX. SPEED : 25,000 RPM



Model: MD-5
Order code: M-003S
MAX. SPEED : 25,000 RPM



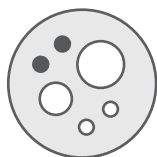
Model: MD-4i
Order code: M-002
SMOOTH GRIP
MAX. SPEED : 25,000 RPM



Model: MD-5i
Order code: M-004
STRONG GRIP
MAX. SPEED : 25,000 RPM

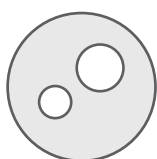
MDK LOW SPEED E-TYPE AIR MOTORS

Fiber optic air motor with Internal spray (6-pin type connection)

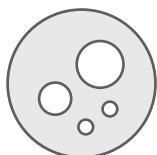


Model : T260i-LED
Order code : AM1001

Non optic air motor with Internal spray (2 and 4-hole type)

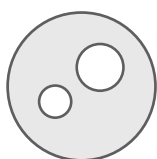


Model : 260i-B2
Order code : AM1002

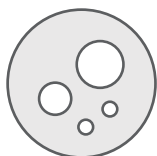


Model : 260i-M4
Order code : AM1003

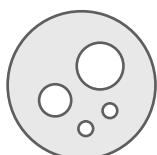
Non optic air motor with external spray (2 and 4-hole type)



Model : 260E-B2
Order code : AM1004



Model : 260E-M4
Order code : AM1005



Model : 260E-M4S
Order code : AM1006S

MDK LOW SPEED HANDPIECES

Prophylaxis contra-angles



Model: SK 26
Order code: C004

- Screw Type Chuck
- For Screw-in Cups and Brushes



Model #: SK 27
Order code: C005

- Snap-on Type Chuck
- For Snap-on Cups and Brushes



Model #: SK 28
Order code: C006

- Tip Lock Type Chuck
- For EVA®tips, Lamineer®tips*

MDK Co., Ltd. is a manufacturer of precision dental handpieces and accessories in South Korea. MDK has consistently elevated its manufacturing capability since the foundation and is now ready to be recognized as one of the leading producers of top-quality but competitively priced dental handpieces and accessories.

MDK is now looking towards expanding its distribution network and increasing its brand value through a global strategy of progressively developing new handpiece series, manufacturing more value-added products, providing personalized services, and opening new international markets and industries.

MDK products are KGMP,CE and FDA 510(K) approved.

For information on MDK handpieces please visit www.mdk-dental.com.

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