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Ti-Max Z micro

Air Turbine



NSK

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SMALL SIZE,
BIG PERFORMANCE.

micr





Small is the new big with the Ti-Max Z micro. Its 9.0mm diameter mini head produces a staggering 20W of pure power, while a 100° angled head maximizes ease of use and ensures access to the tightest spots. Unwanted suckback is eliminated with the Clean Head System and the newly engineered Quick Stop system ensures patient safety. If you're looking for big performance in a small handpiece, you can stop looking - the powerful, compact Ti-Max Z micro is here.

Ti-Max Z micro Air Turbine

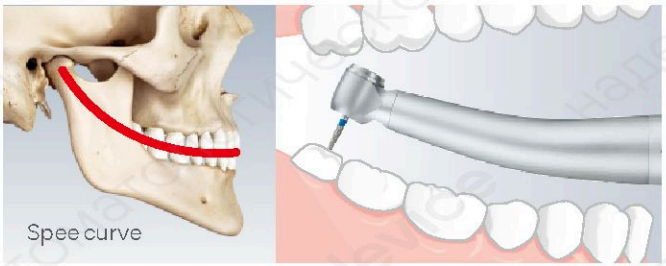
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USABILITY

Good accessibility using the mini head at a 100° angle.

The 100° angle head allows better access to the posterior region. The mini head ensures a wide field of vision. The design is based upon the physiological shape of the oral cavity, facilitating low-stress operations when accessing the posterior region.



Head angle allows easy access

Easier to work with, better access without coming into contact with the anterior teeth, when working in the posterior region.

Comparison with the Ti-Max Z800L



Lightweight body is easier to handle.

Less stress and easier to use, due to the lightweight titanium body (less than 40g).

Effective coolant with 4 port spray.

Small head and 4 port spray reduces the risk of over heating.

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POWER

The mini head is also very powerful at 20W

The Z micro, even with its mini head, uses original 3X-Power System technology that assists with a variety of high torque cutting operations.

3X-Power System

Extended Cylindrical Nozzle

The optimized nozzle structure generates a stable air flow and reduces air loss. It is extremely efficient at converting air into rotary power.



Expanded Rota Blade Surface

The face of rotor is 100% wider compared to the convention model. The wide blade surface receives air efficiently and achieves high torque.



Expanded Exhaust Channel

The expanded exhaust channel quickly discharges the air received from the rotary blade surface. The smooth evacuation of the air improves torque in the low rotation speed range.



Powerful high torque cutting is achievable even with the mini head.

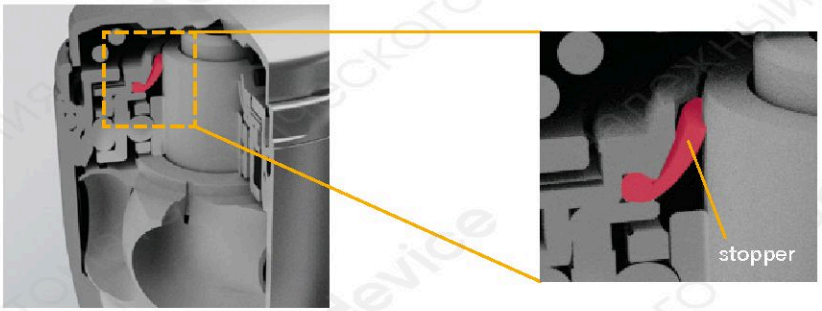
Removal of a metal crown is also easy with the powerful cutting ability of the mini head. The Z micro proves effective, even for high torque requirements needed in the posterior region.

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SAFETY

Quick Stop Function

The Quick Stop Function halts high speed rotation in approximately 1 second, improving safety by immediately stopping the bur. In turn allowing efficient high speed cutting and safe operation possible.

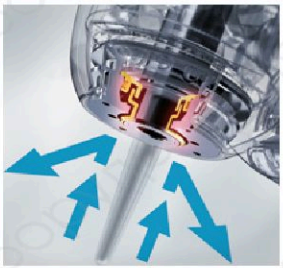


When the air supply is started, the rubber stopper floats due to the increase in air pressure inside the head.
When the air supply is stopped, the stopper touches the rotating shaft and brakes.

INFECTION CONTROL

Clean Head System

The original NSK labyrinth mechanism dramatically reduces suck back into the handpiece.



MAINTENANCE

Easily maintained

Cartridges can easily be changed in-surgery, reducing repair time and cost. The water channel can be easily cleaned and maintained.



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• Titanium Body & DURAGRIP • Cellular Glass Optics • Ceramic Bearing • Clean Head System
• Push Button Chuck • Quattro Water Spray • 3X-Power System • Quick Stop • Simple Cartridge Change



NSK Coupling

Head	Optic	MODEL	ORDER CODE
Micro	●	Z micro	PA2357

• Power 20W • Speed 380,000-450,000 min⁻¹
• Head Size ø9.0 × H10.8 mm
• Dual use for regular standard cut/short shank cut



KaVo® Coupling

Head	Optic	MODEL	ORDER CODE
Micro	●	Z micro KL	PA2358

• Power 20W • Speed 380,000-450,000 min⁻¹
• Head Size ø9.0 × H10.8 mm
• Dual use for regular standard cut/short shank cut



Sirona® Coupling

Head	Optic	MODEL	ORDER CODE
Micro	●	Z micro SL	PA2359

• Power 20W • Speed 380,000-450,000 min⁻¹
• Head Size ø9.0 × H10.8 mm
• Dual use for regular standard cut/short shank cut

SPARE PARTS

MODEL	PRODUCTS	ORDER CODE
SX3-NU03 Cartridge for Micro head		PA2307X001
SX-NU04 Head cap for Micro head		PA2307X050

MODEL	PRODUCTS	ORDER CODE
PTLO-ring Set (Pack of 5)		Y900580
SX-NU05 Head cap wrench for Micro Head		PA2307X765

MODEL	PRODUCTS	ORDER CODE
Cleaning Wire		Z144101

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