

Ti-Max Z micro

Air Turbine

Create it 



NSK

SMALL SIZE,
BIG PERFORMANCE.

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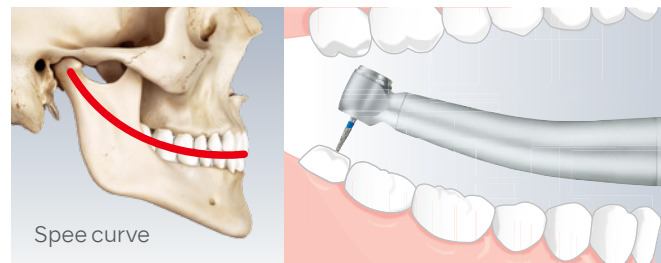
Small is the new big with the Ti-Max Z micro. Its 9.0mm diameter mini head produces a staggering 20W of pure power, while a 100° angled head maximizes ease of use and ensures access to the tightest spots. Unwanted suckback is eliminated with the Clean Head System and the newly engineered Quick Stop system 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

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.

POWER

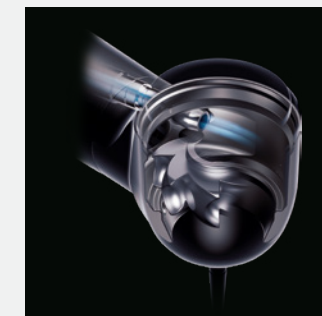
The mini head is also very powerful at 20W

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

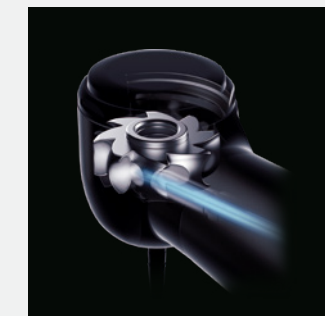
Extended Cylindrical Nozzle

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.



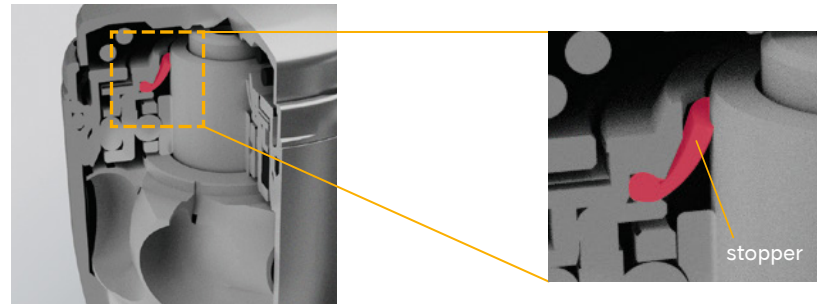
Powerful high torque cutting is achievable even with the mini head.

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.

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.

- 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 : 20 W • Speed : 380,000-450,000 min⁻¹
- Head Size : ø9.0 × H 10.8 mm
- Dual use for regular standard bur / short shank bur



KaVo® Coupling

Head	Optic	MODEL	ORDER CODE
Micro	●	Z micro KL	PA2358

- Power : 20 W • Speed : 380,000-450,000 min⁻¹
- Head Size : ø9.0 × H 10.8 mm
- Dual use for regular standard bur / short shank bur



Sirona® Coupling

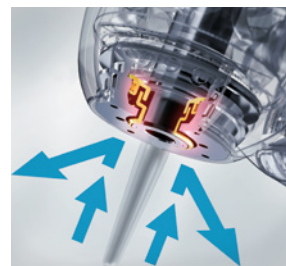
Head	Optic	MODEL	ORDER CODE
Micro	●	Z micro SL	PA2359

- Power : 20 W • Speed : 380,000-450,000 min⁻¹
- Head Size : ø9.0 × H 10.8 mm
- Dual use for regular standard bur / short shank bur

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.



SPARE PARTS

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
SX3-NU03	Cartridge for Micro head	PA2307X001	PTL O-ring Set (Pack of 5)	○○○○○	Y900580	Cleaning Wire		Z144101
SX-NU04	Head cap for Micro head	PA2307X050	SX-NU05	Head cap wrench for Micro Head				

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