

Ti-Max Z

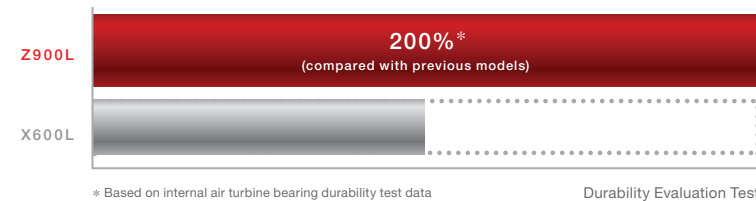
Air Turbine Series

POWERFUL



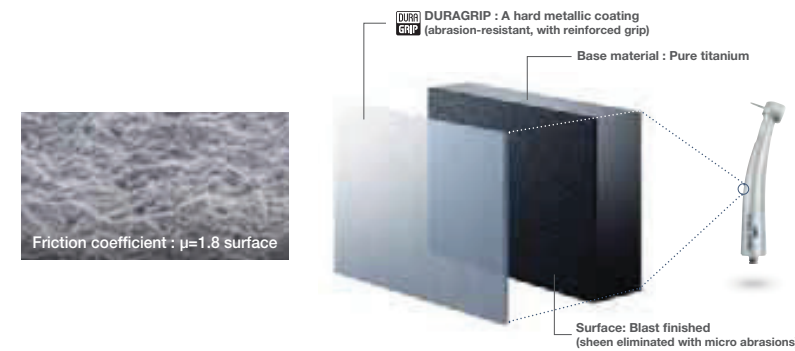
Advanced technology a Key Factor in Significantly Increased Durability of Ti-Max Z

We have completely redesigned the shape and sourced improved materials for the bearing retainer to reduce frictional resistance and developed a new type of bearing to almost double the durability to accommodate constant thermodisinfectant and autoclave usage.



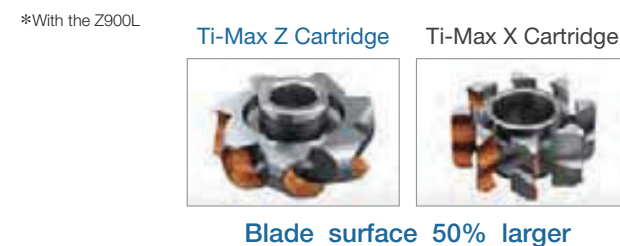
DURAGRIP Non-Slip, Scratch-Resistant Surface Treatment Technology

We blast-finish the pure titanium body surface utilising micro-abrasion before applying the DURAGRIP surface finish. The micro-abrasion enhances resistance to scratches and contributes to the firm, reliable non-slip grip.



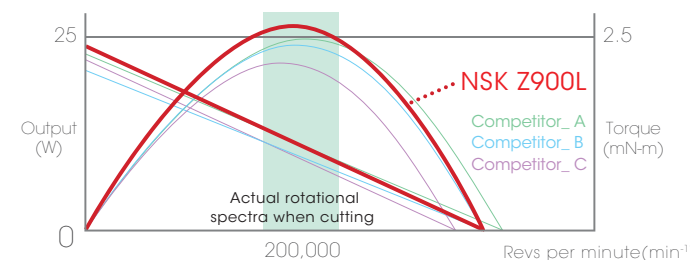
New Three-Dimensional Rotor

We harnessed the latest computer analysis software to develop a rotor with higher output. We created a new three-dimensional curved shape after relentless simulations and pilot production. The blade is 50% larger than that of the Ti-Max X Air Turbine. With this new rotor, the air turbine delivers an amazing 26 watts* of power.



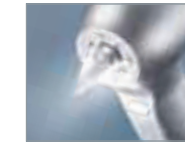
High Output for Smoother Cutting

The 26 watts power output from the new rotor significantly enhances the performance during clinical applications. This can dramatically reduce treatment time and noticeably improve treatment comfort for the clinician and patient alike.



- Ti-Max Z**
- Titanium Body with Scratch Resistant DURAGRIP
 - Cellular Glass Optics • Ceramic Bearings • Clean Head System
 - Push Button Chuck • Quattro Spray • Microfilter

Connect to NSK Couplings



Miniature Head : Power : 23 W, Speed : 360,000~440,000 min⁻¹, Head Size : $\phi 10.8 \times H12.1$ mm * Both standard and short shank burs are applicable.
Standard Head : Power : 26 W, Speed : 320,000~400,000 min⁻¹, Head Size : $\phi 12.5 \times H13.1$ mm



Connect to Other Couplings

Miniature Head : Power : 21 W, Speed : 360,000~440,000 min⁻¹, Head Size : $\phi 10.8 \times H12.1$ mm * Both standard and short shank burs are applicable.
Standard Head : Power : 24 W, Speed : 320,000~400,000 min⁻¹, Head Size : $\phi 12.5 \times H13.1$ mm



Spare Parts

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
TIZ-MU03*	Cartridge for Miniature head	Y1002075	TIZ-MU04*	Head cap for Miniature head	P1051050	TA-LED Assy		10001791
TIZ-SU03*	Cartridge for Standard head	Y1002076	TIZ-SU04*	Head cap for Standard head	P1052050	PTL O-ring Set Pack of 5		Y900580

*These parts can be replaced only by authorized dealers of NSK.