THE POWERFUL ANSWER
Air Turbines Evolve to Become More Powerful

An easier to use, consistently powerful handpiece that allows for stress-free treatment satisfying the needs of dental professionals and patients alike. Patient comfort.

Ti-Max Z Air Turbine series feature the essential elements expected of high-performance handpieces at even a higher standard. Based on the philosophy of consistently delivering products that exceed all expectations, the new handpieces, supported by non-compromising NSK product design and ultra-high precision processing technology, provide a new level of comfort to both clinicians and patients like never before. With one of the most powerful air turbines at a high-power output, our technological innovation will revolutionize dental practice.
STEADY

Steady High-Performance Creates a New Trend in Air Turbines

High-performance requirements to provide comfortable treatment are concentrated into the beautiful and functional instrument body. High power ensures a high degree of smoothness during cutting operations, and operability and visibility are significantly improved.

Ti-Max Z, the标志性 five-handpiece model by NSK, offers a new style of dental treatment using air turbines.

TECHNOLOGY & FUNCTION

Smooth Grinding Feel
The high-power output leads to an improved grinding feature for trouble-free, comfortable use.

High Power 26W
A new specially-shaped rotor delivers 26W of high power and reduces treatment time.

Clean Head System
The patented NSK Head Head System is a special mechanism designed to automatically prevent the entry of dirt and other contaminants into the handpiece head, prolonging the life of the bearings.

Excellent Durability
Newly developed bearings dramatically increase stability and durability and reduce running costs.

Easier Access
An even smaller head and optimal head angle combined with even slimmer neck dimensions improve operability and access to ortho regions.

Improved Handling
An ergonomic body shape and the introduction of new GRIP coatings provide superior grip and handling comfort.
High-power, markedly durable air turbines that help maintain comfort for a long period of time

Outstanding durability, unexcelled longevity, comfort that only high-power can maintain.

Advanced technologies originally developed by NSK have been adopted to maintain reliable, high-performance, long-lasting design and high-precision processing, especially in the materials used for parts and surface finishing. The introduction of the newly developed bearing system has approximately doubled the duration of bearing life compared to other turbine designs.

Titanium Body

Titanium body: Light and very strong pure titanium is used for the body. The light handle reduces the burden on the hands during operations, and its enhanced hardness also improves its ability for autoclave sterilization. The biocompatible properties of titanium eliminate concern over allergies to metal.

DURAGRIP

The handpiece surface is specially treated with scratch and abrasion proof DURAGRIP, which protects the handpiece against scratches and is easier to hold even when wet. Even under the roughest manipulation, it ensures long-term durability, maintaining its new condition for a long period of time.