stomdevice

Air Turbine

Ti-Max Z Series

Z990L / Z890L / Z micro



NSK

https://stomdevice.ru - стоматологическое и ортопедическое оборудование с доставкой по России и СНГ

stomdevice

Unprecedented Power

Experience like never before, the unprecedented cutting power of the industry's best-in-class 44W turbine as it delivers unprecedented cutting strength.
Makes zirconia removal easy, reducing chairside time and minimising patient discomfort.

New Ti-Max Z Series Air Turbine

Z990L / Z890L



Поставщик стоматологического и зуботехническое оборудование с доставкой по России и СНГ

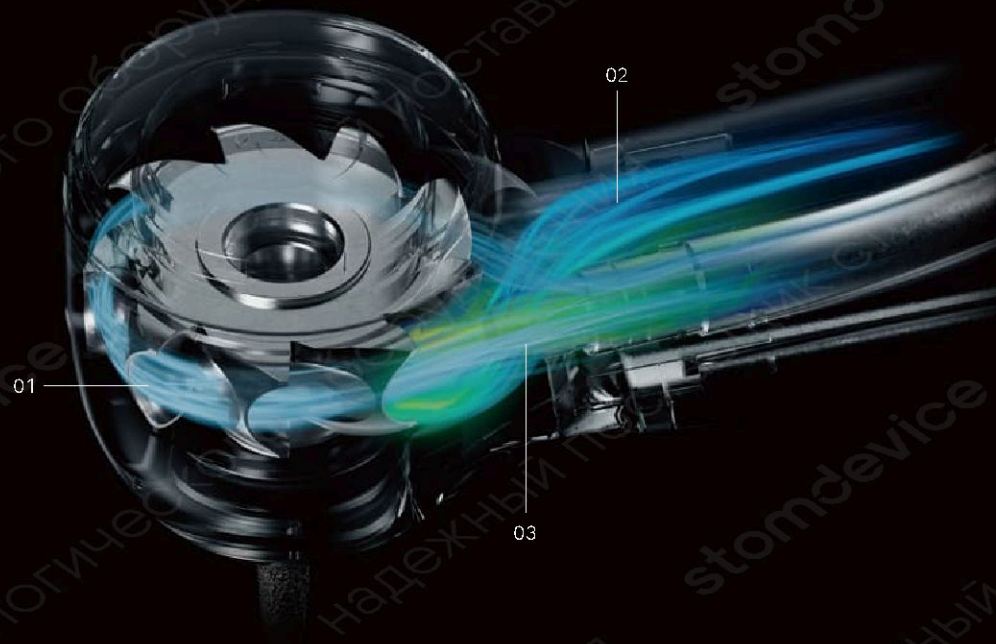
stomdevice

Ti-Max Z Series Air Turbine Technology/Function

DYNAMIC POWER SYSTEM

Equipped with a new system, the "DYNAMIC POWER SYSTEM" that provides a revolutionary cutting feel. The enlarged exhaust port, optimized nozzle structure, and enlarged rotor bucket achieve the highest rotational power in its category.

Check out our demonstration video for amazing cutting power



01. Expanded Rotor Blade Surface

The air exposure area is twice that of conventional models. The large bucket surface takes in air with no waste to achieve high torque.

02. Expanded Exhaust Groove

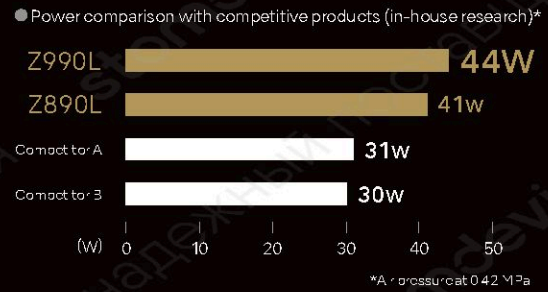
The enlarged exhaust groove quickly discharges air received by the bucket. A smooth exhaust improves torque in the low rpm range.

03. Extended Cylindrical Nozzle

The optimized nozzle structure reduces air. Air power is converted into highly efficient rotational power.

The best technologies are combined to bring outstanding power.

The "DYNAMIC POWER SYSTEM" has been developed using the latest fluid simulation Software. This enables efficient conversion of air into power to achieve a significant increase in power from 26W to 44W*. Packed with NSK's technologies, such as the fusion of unprecedented high torque and power, head angle, and grip, the new model is NSK's flagship turbine. *Z990L



stomdevice

04. New chuck mechanism with outstanding bur grip

Equipped with "DURAPOWER CHUCK" a new chuck* that provides a more sustained gripping force, to reduce the risk of a bur slipping compared to conventional models.

05. New quick-stop function

A new design furnished with a high-speed rotation emergency stop function on the front and back of the air turbine head reduces the risk of intraoral entrapment and suck-back, enabling safer treatment.

06. New 4-port water spray with expanded cooling range

Efficiently cools the entire bur without impairing visibility.
Water injected from two directions allows for proper cooling of burs of varying lengths.



07. Easy-access head angle

Improved 100° angle head provides easy access to the molars.

08. Slip-resistant DURAGRIP coating

The unique non-slip, non-scratch surface treatment improves durability and ensures a comfortable grip.

09. Lightweight titanium body

The body is made of lightweight, high-strength pure titanium.

*The chuck is the part of the handpiece that holds the bur (cutting tool). The new improved chuck mechanism has improved durability.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование, поставщик по России и СНГ

USABILITY

Lightweight titanium body and 100° angle head

The internal structure has been revised and the weight has been reduced by 16% compared to the previous model (the lightest metal exterior in major competitive comparisons). Considering the physiological curves of the oral cavity (Curve of Spee and Curve of Wilson), the 100° angled head enables easier access and high-torque cutting for efficient treatment in the oral cavity.



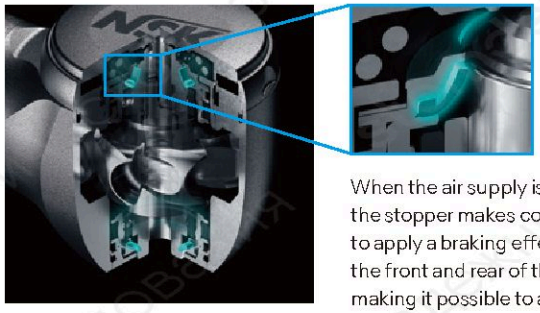


SAFETY & INFECTION CONTROL

Quick Stop

The Quick-stop function, which stops high-speed rotation in approximately 1 second, is mounted on the front and back of the head. The two Quick-stop functions allow for a abrupt stop to prevent inertial rotation and to reduce the risk of intraoral entrapment and suck back, thus ensuring an extremely safe treatment.

*The two Quick-stop functions only Z990L / Z890L.



When the air supply is stopped, the rubber of the stopper makes contact with the rotating shaft to apply a braking effect. With stoppers attached to the front and rear of the head, contact is increased, making it possible to abruptly stop the rotation.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

LINE UP



Head at a 100° angle
Titanium Body DURAGRIP
Ceramic Bearings
Cellular Glass Optics
Push Button Chuck
Quattro Spray
Clean Head System
Quick Stop
Microfilter*
DYNAMIC POWER SYSTEM*
DURAPOWER CHUCK*
Simple Cartridge Change
*Only Z990L / Z890L

Washable at thermodisinfector

Autoclavable



Z990L

Standard Head
- Power : 44 W
- Speed : 280,000-360,000 min⁻¹
- Head Size : ø12.1 x H 12.7 mm



Z890L

Miniature Head
- Power : 41W
- Speed : 320,000-400,000 min⁻¹
- Head Size : ø10.6 x H 10.8 mm



Z micro

Micro Head
- Power : 20 W
- Speed : 380,000-450,000 min⁻¹
- Head Size : ø9.0 x H 10.8 mm

Fitting Chart

Coupling		NSK	KaVo®	Dentsply Sirona®	W&H®	Bien Air®
Standard Head	MODEL	**Z990L**	**Z990KL**	**Z990SL**	**Z990WL***	**Z990BL***
	ORDER CODE	**PA23730001**	**PA23750001**	**PA23770001**	**PA23870001**	**PA23850001**
Miniature Head	MODEL	**Z890L**	**Z890KL**	**Z890SL**	**Z890WL***	**Z890BL***
	ORDER CODE	**PA23720001**	**PA23740001**	**PA23760001**	**PA23860001**	**PA23840001**
Micro Head	MODEL	**Z micro**	**Z micro KL**	**Z micro SL**	-	-
	ORDER CODE	**PA2357**	**PA2358**	**PA2359**	-	-

*Compatible Turbines with integrated LED

KaVo and Multiflex are registered trademarks of KaVo Dental GmbH
Dentsply Sirona and Sirona are registered trademarks of Dentsply Sirona Inc
W&H and RotoQuick are registered trademarks of W&H Deutschland GmbH
Bien Air and UNIMAX are registered trademarks of Bien-Air Holding SA

CE 0197

NAKANISHI INC. www.nsk-dental.com
700 Shimohinata, Kanuma
Tochigi 322-8666, Japan

NSK Europe GmbH www.nsk-europe.de
Elly-Beinhorn-Str. 8
65760 Eschborn, Germany

NSK United Kingdom Ltd. www.nsk-uk.com
Office 4, Gateway 1000, Arlington Business Park
Whittle Way, Stevenage, SG1 2FP, UK

NSK Dental Nordic www.nsk-nordic.com
Furstenbergsgatan 4
416 64 Gothenburg, Sweden

Specifications are subject to change without notice.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Create it

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ