

NSK

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Behind The Best Indian Dentists

ENGINEERED FOR

CLINICAL EXCELLENCE

Precision. Performance. Reliability.
Powering Better Dentistry.



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Satisfied
Customers

150+

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Engineers

100+

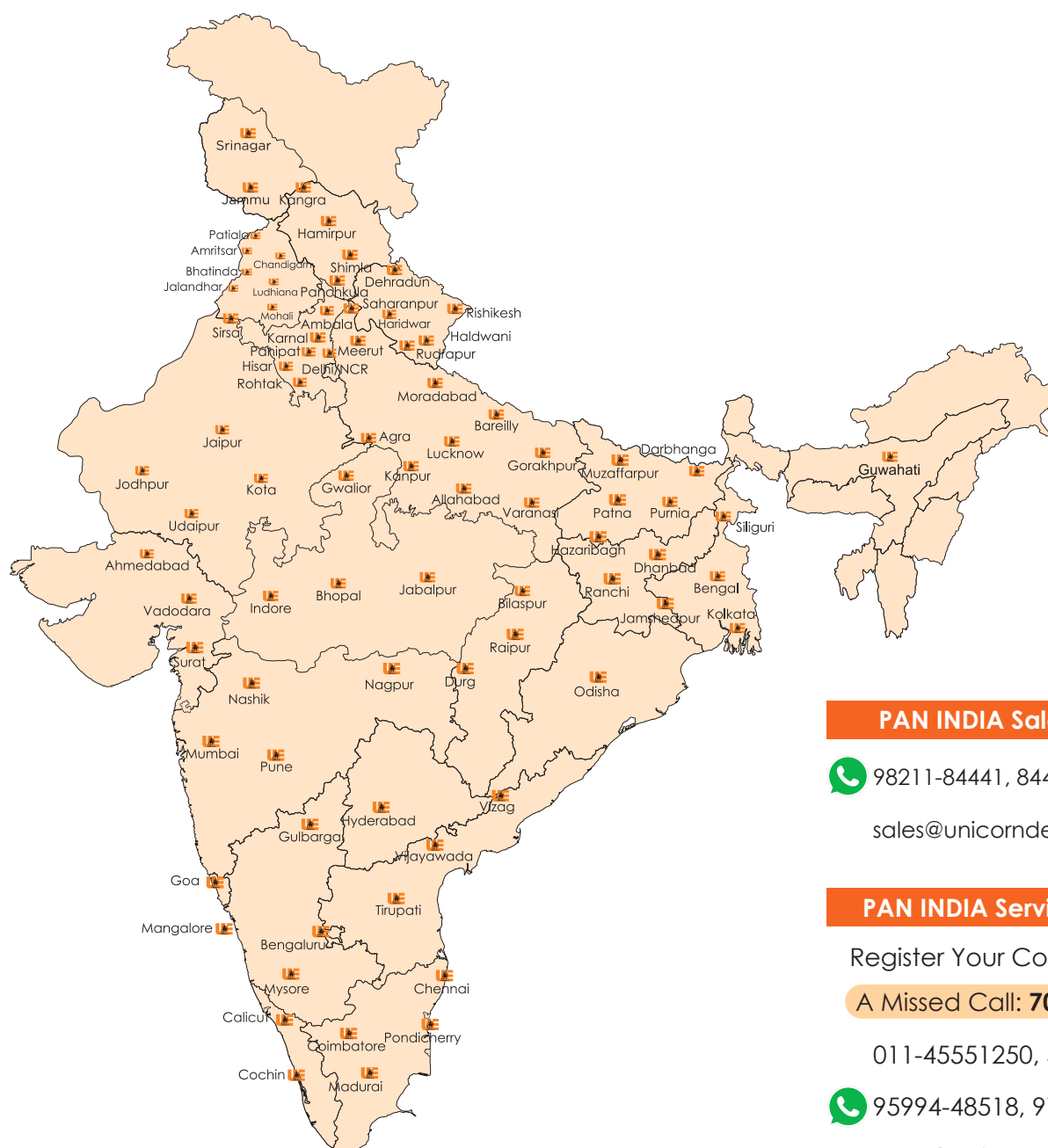
PAN India
Location

500+

Products Under
Service Care

32

Year
Legacy



PAN INDIA Sales Support



98211-84441, 84483-98852

sales@unicorndenmart.com

PAN INDIA Service Helpline

Register Your Complaint with

A Missed Call: **7065-558-558**

011-45551250, 51, 55



95994-48518, 97170-12081

care@unicorndenmart.com;
care1@unicorndenmart.com

**FOR WESTERN REGION:
(Maharashtra & Gujarat)**

022-40108770, 71

*The locations shown above are a combination of the offices of Unicorn DenMart and its distributors.

FX Series

A new legend begins

External Water Spray Non-Optic
General Applications Handpiece



Model: FX22 1:1



1:1 Direct Drive

- ✦ For CA burs (ø2.35)
- ✦ Latch type
- ✦ Max Speed : 30,000 min⁻¹

Model: FX25 1:1



1:1 Direct Drive

- ✦ For CA burs (ø2.35)
- ✦ Push Button Chuck
- ✦ Clean Head System
- ✦ Ball Bearing
- ✦ Max Speed : 40,000 min⁻¹

Model: FX65 1:1 Straight Handpiece



1:1 Direct Drive

- ✦ For HP burs (ø2.35)
- ✦ Clean Head System
- ✦ Max Speed : 40,000 min⁻¹

HANDPIECES FX PLUS with ARV

30W Power for faster cutting



Anti-Retraction Valve (ARV)



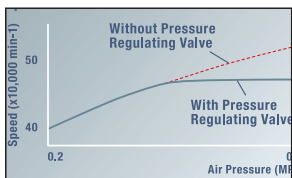
Prevents the reverse flow of debris into the handpiece thus avoiding cross-contamination.

60% Power Boost



60% Power Boost-FX Plus is dramatically more powerful with its newly designed scoop-type rotor than a normal handpiece.

Air Pressure Regulating Valve



For maintenance of a stable pressure supply to the rotor

Quattro Spray



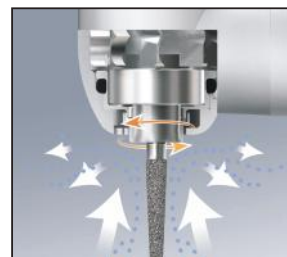
The NSK Quattro Water Spray effectively cools the entire operating field and prevents damage to living tissue

Ceramic Bearings



Ceramic Bearings are 25% harder than conventional steel bearings. Because of less friction, the heat production & vibration are significantly reduced which increases its efficiency & durability.

Clean Head System



Anti suck back mechanism to prevent cross- contamination.

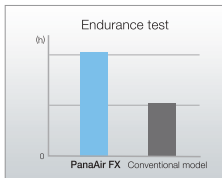
HANDPIECES PanaAir FX (Push Button)

Model: PAF-SU B2 - High-Speed Air Turbine Handpiece

The NSK Pana Air PAF-SU B2 is a precision-engineered, high-speed air turbine handpiece designed for dentists who demand performance, reliability, and patient comfort. With a powerful 20-watt motor and ergonomic design, this handpiece ensures smooth, fast, and precise dental procedures across a range of clinical environments. Whether you're handling routine cleanings or complex restorative work, the PAF-SU B2 delivers unmatched efficiency and control in your practice.



Push Button Chuck



Exceptional Longevity



30% Power Boost

- ✦ Stainless Steel Body
- ✦ Ceramic Bearing
- ✦ Clean Head System
- ✦ Rotation Speed: 350,000-450,000 min⁻¹
- ✦ Push Button type, Non-Optic, 2 hole
- ✦ Standard Head: Power 20 watts
- ✦ Air Pressure Regulating Valve
- ✦ Compatible Bur Size: ISO 1797-1 Ø1.59 – 1.60 mm
- ✦ Max Bur Length: 21 mm
- ✦ Drive Air Pressure; 0.20 – 0.25 MPa (2.0 – 2.5 kgf/cm²)
- ✦ Water Pressure: 0.05 – 0.20 MPa (0.5 – 2.0 kgf/cm²)
- ✦ Autoclave upto 135°C
- ✦ Thermo disinfectable: Yes

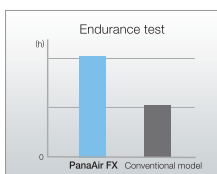
PanaAir FX (Wrench Type)

Model PAF-S B2 - High-Speed Air Turbine Handpiece

The NSK Pana Air PAF-S B2 sets a new benchmark in dental turbine performance with its 30% power boost, slim stainless-steel body, and enhanced durability. Engineered with advanced air turbine simulation technology and a robust stainless-steel construction, it delivers consistent torque, smoother control, and precise results—making it a trusted tool in high-demand dental clinics across the globe. With features like an air pressure regulating valve and easy-to-change cartridges, the PAF-S B2 is not just powerful—it's purpose-built for modern clinical workflows.



Wrench Type



Exceptional Longevity



30% Power Boost

- ✦ Stainless Steel Body
- ✦ Ceramic Bearings
- ✦ Clean Head System
- ✦ Air Pressure Regulating Valve
- ✦ Rotation Speed: 350,000 – 450,000 min⁻¹
- ✦ Standard Head Power: 17 watts, 2 Hole
- ✦ Wrench Type Chuck
- ✦ Chucking Length: 10.2 mm
- ✦ Compatible Bur Size: ISO 1797-1 Ø1.59 – 1.60 mm
- ✦ Max Bur Length: 21 mm
- ✦ Drive Air Pressure; 0.20 – 0.25 MPa (2.0 – 2.5 kgf/cm²)
- ✦ Water Pressure: 0.05 – 0.20 MPa (0.5 – 2.0 kgf/cm²)
- ✦ Autoclave Sterilization: Up to 135°C
- ✦ Thermo disinfectable: Yes

DynaLED

Self Illuminating LED



Brilliant Illumination | Reliable Performance | Everyday Precision

The NSK Dyna LED Airtor combines advanced illumination technology, efficient cutting performance, and durable stainless-steel construction to support precise and comfortable clinical procedures. Designed with NSK's innovative engineering, it delivers excellent visibility, smooth operation, and long-term reliability without requiring fiber-optic tubing.

- ✦ Self-Generating LED Illumination – 25,000 Lux
- ✦ Durable Stainless-Steel Construction
- ✦ Dynamic Micro Power Generator
- ✦ Clean Head System
- ✦ Dual Air Jet Technology
- ✦ Quattro Water Spray
- ✦ Cellular Glass Optics Rod



Optic - NSK LED



Non Optic

DynaLED Standard Head

- ✦ Power: 16W
- ✦ Speed: 330,000~430,000 min⁻¹
- ✦ Head Size: Ø12.1 x H13.3 mm

DynaLED Mini Head

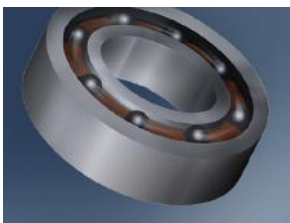
- ✦ Power: 15W
- ✦ Speed: 380,000~450,000 min⁻¹
- ✦ Head Size: ø10.6 x H12.4 mm

S-Max M

Incomparable Powerful Cutting and Superb Grip

The S-Max M series contra-angles have dramatically improved durability, and feature an updated internal body design and chuck mechanism. They are NSK's next-generation standard - a marriage of ergonomic sophistication and smooth cutting feel.

- ✦ Stainless Steel Body
- ✦ Cellular Glass Optics
- ✦ Clean Head System
- ✦ Push Button Chuck (Exclude M65)



Ceramic Bearings



Clean Head System



Push Button Chuck



Single Water Spray
(With M65)



M95L: 1:5 Increasing

- ✦ Quattro Spray ✦ For FG burs (ø1.6)
- ✦ Ceramic Bearing ✦ Anti Heat System
- ✦ Max Speed: 200,000 min⁻¹



M25L: 1:1 Direct Drive

- ✦ Single Spray ✦ For CA burs (ø2.35)
- ✦ Max Speed: 40,000 min⁻¹

Straight Handpiece



M65: 1:1 Direct Drive

- ✦ Single Spray ✦ For HP burs (ø2.35)
- ✦ For CA burs (ø2.35)*
- ✦ Max Speed: 40,000 min⁻¹

S-Max pico (Optic/Non Optic)

The World's Smallest Head

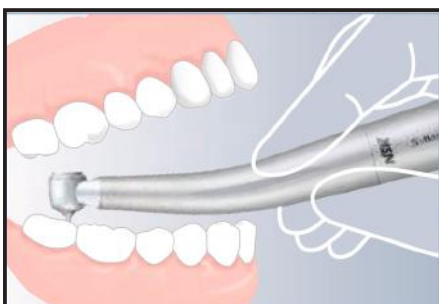
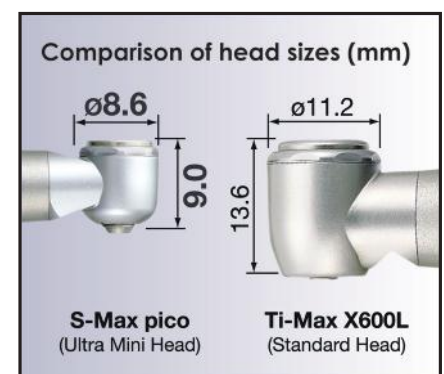
The innovative air turbine with ultra mini head and super slim body shape

NSK has developed special ultra short shank burs to operate specifically with the pico handpiece.



- ✦ Power: 9 W
- ✦ Speed: 380,000 – 450,000 RPM
- ✦ Head Size: $\varnothing 8.6 \times H 9.0$ mm
- ✦ Compatibility: For short shank burs / ultra short shank burs
- ✦ Body Material: Stainless Steel
- ✦ Bearings: Ceramic Bearings
- ✦ Chuck Type: Push Button Chuck
- ✦ Cooling Spray: Single Spray

- ✦ Ultra mini head
- ✦ Super slim body shape
- ✦ Cellular glass optics
- ✦ Ceramic bearings
- ✦ Clean head system
- ✦ Interchangeable cartridge system
- ✦ Compatible with short shank and ultra short shank burs,



Connect to NSK Couplings



MICROMOTOR

NLZ E

FOR SAFER CROWN CUTTING



MORE EFFICIENT ENDODONTIC TREATMENT

The SMART Electric Brushless Micromotor

The NSK NLZ-E Electric Micromotor is a next-generation clinical solution engineered to deliver precision, power, and intelligent control in both restorative and endodontic procedures. With integrated endodontic functionality, it seamlessly combines high-speed performance with advanced torque management for safe and efficient canal preparation.

Designed to cater to both crown cutting and endodontic treatments, the NLZ E embodies the pinnacle of dental technology with its advanced features and compact, flexible design.



NLZ Endo (6:1) Reduction **Reciprocating handpiece** with more efficient Endodontic treatment



THE COMPACT MAKES A BIG CHANGE

- ✦ Torque adjustment in Endo Mode with reciprocation Function
- ✦ Auto-reverse function
- ✦ Flexible Installation Style with Superior Visibility & Operability
- ✦ NSK Safety Functions - 'Contra-Check & Contra-Safe

NSK S-Max M95 / 95 L 1:5 Electric Hand piece system

- ✦ 1:5 increasing red ring headpiece
- ✦ Quattro water spray
- ✦ Clean head system for reduced cross-contamination
- ✦ Available in optic & non-optic model
- ✦ Max. speed : 2,00,000 RPM
- ✦ Push-button chuck
- ✦ The *Reciprocating Endo Mode" can be operated with the NLZ Endo Contra-Angle handpiece & WAVE-ONE File



ENDODONTIC EQUIPMENT

Endodontics has never been so EASY...!!

ENDO-MATE DT WITH 20:1 HEAD

DESK TYPE ENDO MOTOR WITH TORQUE CONTROL AND AUTO REVERSE

- ✦ 6 head angles for ease of treatment
- ✦ Push type ultra-miniature head
- ✦ Speed range: 100-13,000 rpm (With 20:1, 4:1, 1:1, 16:1 geared heads)
- ✦ Torque level up to 7 Ncm (when using 20:1 handpiece)
- ✦ No. of program: 9
- ✦ Battery / AC operated
- ✦ Optional foot control



ENDO-MATE TC2

CORDLESS ENDODONTIC HANDPIECE WITH TORQUE CONTROL & AUTO REVERSE

- ✦ Cordless Endomotor with non-contact type charger
- ✦ Auto-reverse function
- ✦ Mini head and slim neck for better accessibility
- ✦ Alarm function alerts as per the pre-set torque value
- ✦ Max. Torque: 4 Ncm (when using 20:1 head)
- ✦ Speed range: 100-2,250 rpm (With 20:1, 16:1, 10:1, 4:1 gear heads)
- ✦ Charge/continuous use: 90 min/1.2h
- ✦ No. of program: 5

MPAS HEAD

- ✦ Miniature head for easy accessibility
- ✦ It is compatible with Endomate DT and TC2
- ✦ 360° head rotation
- ✦ Autoclavable up to 135° C
- ✦ For shank length up to 12 mm
- ✦ Gear ratio: 20:1 and 16:1

NSK MPAS head is equipped with inbuilt probe ring for the real time display of file inside the root canal.



SURGICAL IMPLANT MOTOR

Surgic AP2

Wireless Foot Control

The Ultimate fusion of precision and simplicity

Designed specifically for oral and implant surgery, Surgic AP2

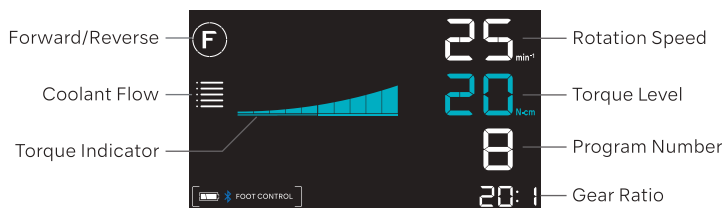
delivers all the power and performance you will ever need for these procedures.

80N of torque, together with a wide speed-range of 200-40,000min⁻¹ offers the flexibility and fast response required for a variety of surgical procedures. The compact console is user-friendly, simple to operate and has been specifically designed for the aseptic theatre environment.



Superb visibility and operability large color LCD panel:

Visibility is guaranteed with the large, back-lit, high-contrast, LCD panel. The display can be adjusted in 10 brightness levels. The display's intuitive and easy-to-understand icons allow for smooth operation.



This new handpiece is 2mm smaller than the previous model, offering better access through surgical guides and a wider field of view. Its compact size also enhances patient comfort and improves overall procedure accessibility.

Maximum Torque	
Surgic AP	50 N·cm
Surgic AP2	80 N·cm

A more compact yet powerful motor & minimized handpiece head reduce strain.



Wireless foot control (FC-84) | Power supply: AC 230 V 50 / 60 Hz | Max. Pump Output: 75 mL / min
Programs: 08 | Dimensions: W 245 x D 235 x H 90 mm



Silent & Efficient Irrigation Pump:

Delivers a steady, quiet flow with easy tubing setup. Seamlessly integrates into the compact, elegant design of the Surgic AP2.



User-Friendly Wireless Foot Control (FC-84):

Bluetooth® connectivity enables cable-free operation and flexible pedal positioning. Now lighter for quick and easy adjustments.

Surgic Pro2 Optic

Go Beyond

Surgical micromotor system connecting you with the future.

The internationally acclaimed Surgic Pro surgical micromotor system has evolved into "Surgic Pro2". There are 3 progress points, in operation, safety and wireless extensibility.



Operability

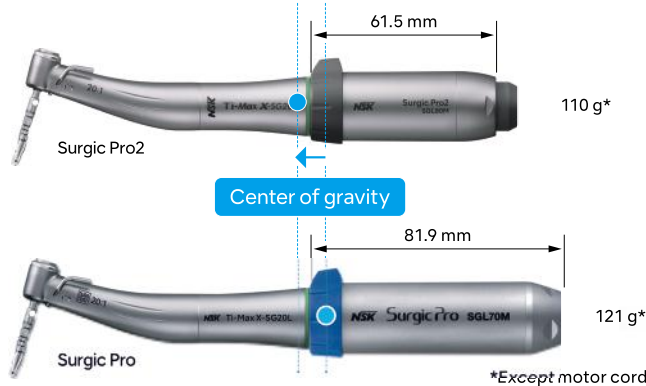
There are a range of upgrades to ensure even greater comfort during implant treatment. These specifications put the needs of professionals first.



Improved operability

A more compact new motor.

Significant size and weight reductions were achieved for the motor with NSK's proprietary more-motor technology.



Operability during treatment has been greatly improved by moving the center of gravity closer to the head of the handpiece. This increases efficiency and alleviates the stress during prolonged operation for strain-free, effortless operation.

**Length
24.9% Down**

**Weight
9.1% Down**

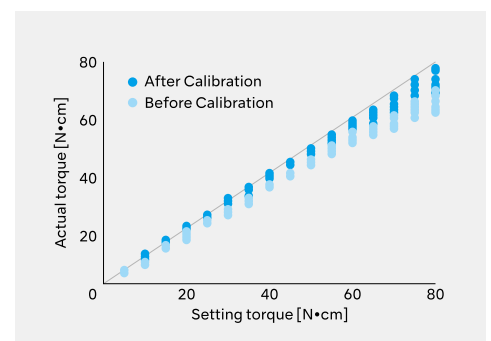
NSK's Drive for Accuracy Ensure Safe Treatment through Accurate Torque

Correction The displayed torque value accuracy is dependent on the state of handpiece bearings and gear abrasion. Surgic Pro2 torque calibration allows for this to be taken into account to display more accurate values.

NSK's 'Advanced Handpiece Calibration' (AHC) function corrects the differences in actual handpiece condition using automatic calibration with no load current and load-bearing calibration to achieve accurate torque values for successful implant surgery.

Minimizing the discrepancy between the set torque value and the actual output helps improve treatment outcomes.

- ✦ Wireless connection with multiple devices
- ✦ Easy clean flat LED touch panel screen display
- ✦ Multi-function wireless foot control: Coolant Solution Flow Volume Button, PRG(Program) Button, Forward/Reverse Button, Speed Control Pedal
- ✦ Programs: 8 Programs / Implant Systems
- ✦ Torque: 5-80 Ncm

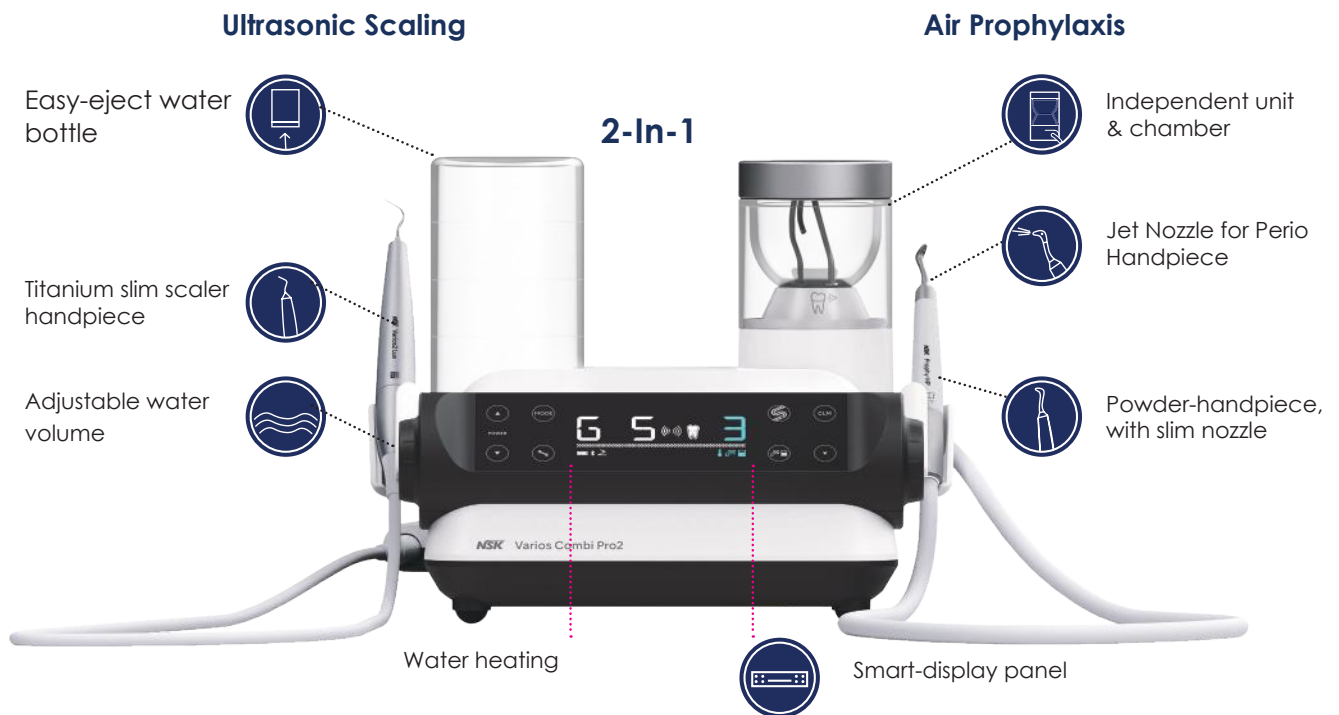


ARIOS COMBI PRO2

NSK Varios Combi Pro2 Ultrasonic Scaler & Air Polishing Unit

Precision Scaling. Powerful Polishing. Truly Minimally Invasive.

Designed to deliver subgingival and supragingival powder therapy with ultrasonic scaling for periodontal treatment through a **Minimal Invasive Therapy (M.I.T.) approach**, The **NSK Varios Combi Pro2** is a next-generation ultrasonic scaler and air polishing unit. It is a next-generation combi-device designed to deliver exactly what clinicians demand—**precision, efficiency & simplicity**.



TECHNICAL SPECIFICATION- NSK VARIOS COMBI PRO2 ULTRASONIC SCALER & AIR POLISHING UNIT

Power Supply	AC 220 – 240 V, 50/60 Hz
Ultrasonic Frequency	28 – 32 kHz
Maximum Output	11 W
Dimensions	W 249 × D 290 × H 215 mm
Weight:	3.5 kg

POWDERS

FLASH Pearl

Polishing powder for supragingival use, with spherical particles that are gentle on the tooth surface.

Intended use: removal of stubborn stains

Principal ingredient: Calcium carbonate
Average particle size: **54 µm**



Perio Mate Powder

Polishing powder for gingival margin and subgingival use.

Intended use: removal of biofilm & minor staining

Principal ingredient: Glycine
★ Average particle size: **25 µm**



VARIOS COMBI PRO2

MIT

Minimally Invasive Therapy

With the Varios Combi Pro2 you can deliver NSK's Minimally Invasive Therapy (MIT) - helping you, the oral hygiene hero, to be your best version. Complete STEP 2, STEP 3, and STEP 5 of the MIT protocol, using its ultrasonic scaler and powder therapy, for supragingival and subgingival treatment.



What's Included

- ✦ Varios Combi Pro2 Control Unit
- ✦ VA2-LUX-HP Ti
- ✦ VA2-LUX-SC Ti
- ✦ Prophy Chamber 2
- ✦ Prophy Hose 2
- ✦ Powder Handpiece (Prophy)
- ✦ Wireless Foot Control
- ✦ Hanger
- ✦ Air Hose
- ✦ Water Hose
- ✦ Irrigation Bottle Set
- ✦ CLM Bottle Set

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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.