

## The Samurai of *Prophylaxis*

# Varios Combi Pro2

Trust | Credibility | Reliability of Japan

Ultrasonic  
Scaling

2-In-1

Air  
Prophylaxis



NSK Varios Combi Pro2



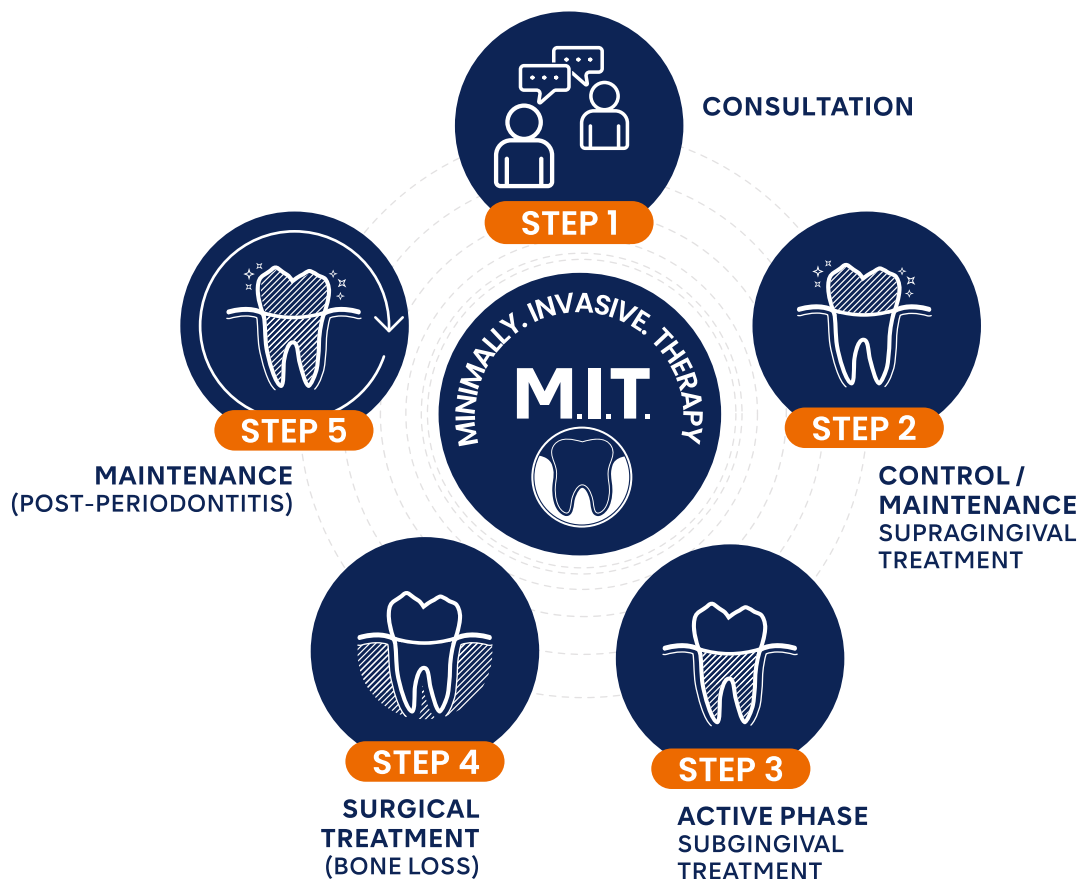
# MIT

## 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.

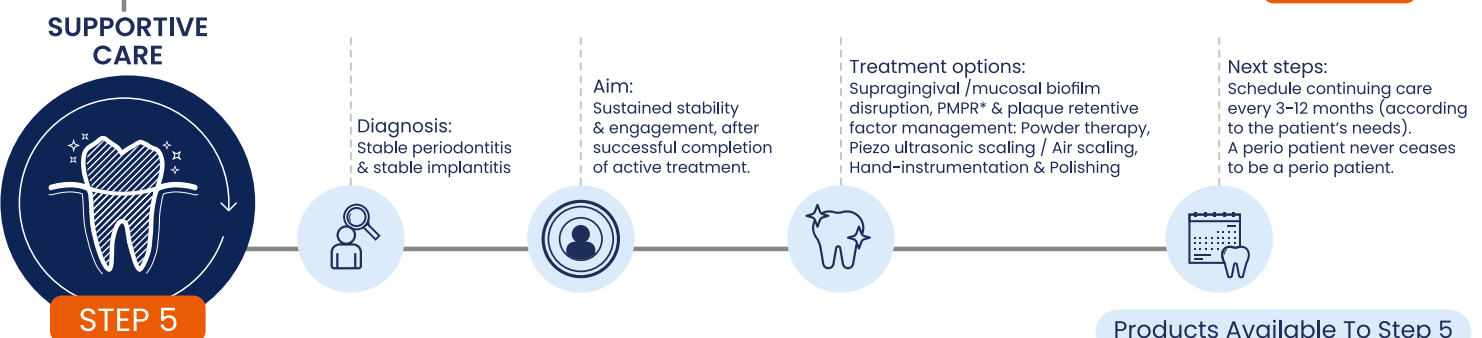
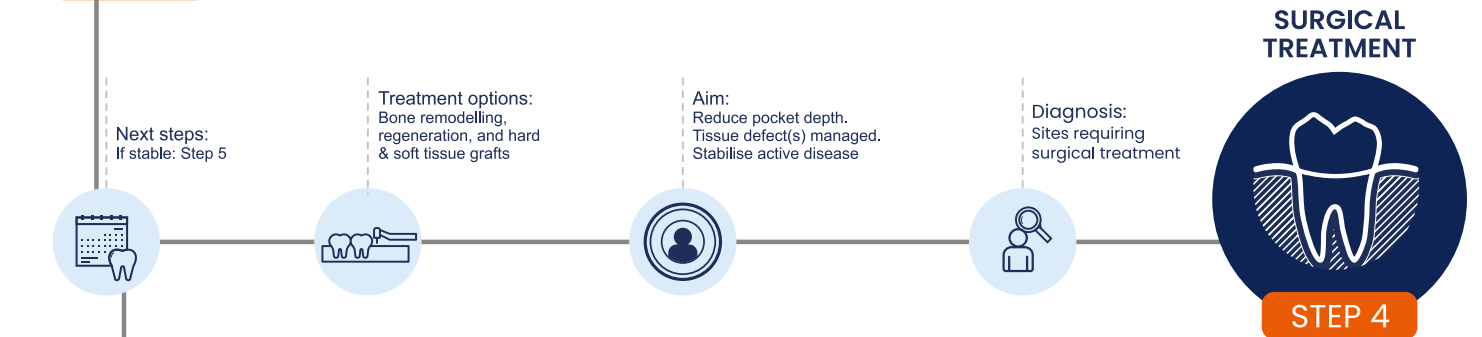
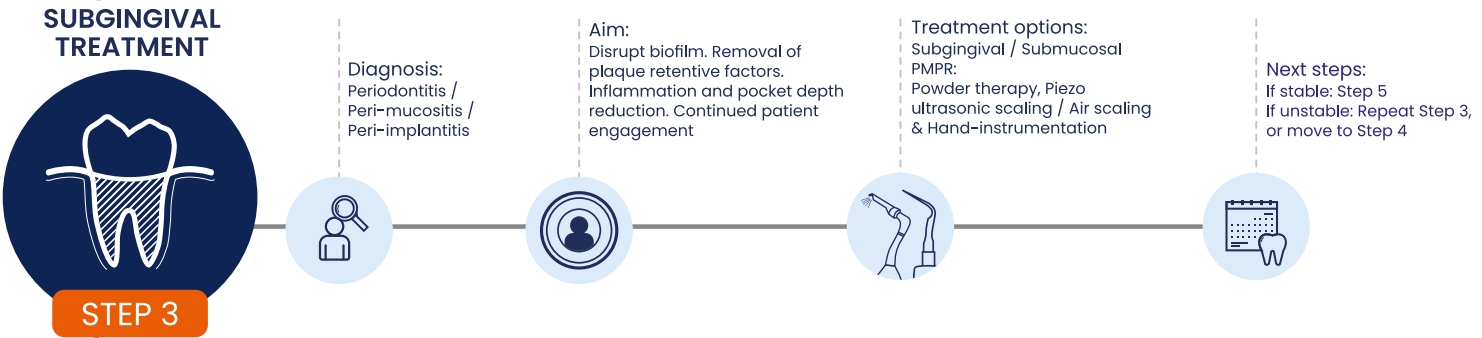
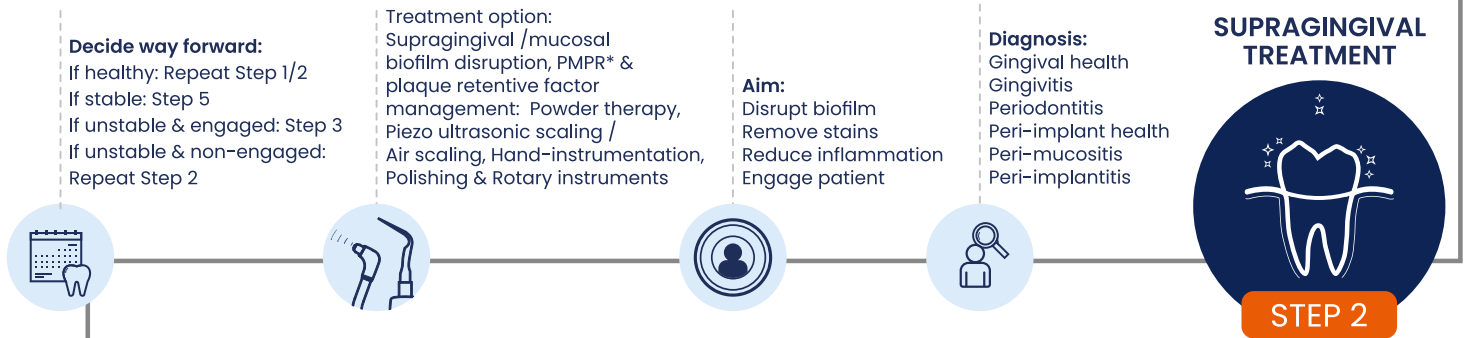
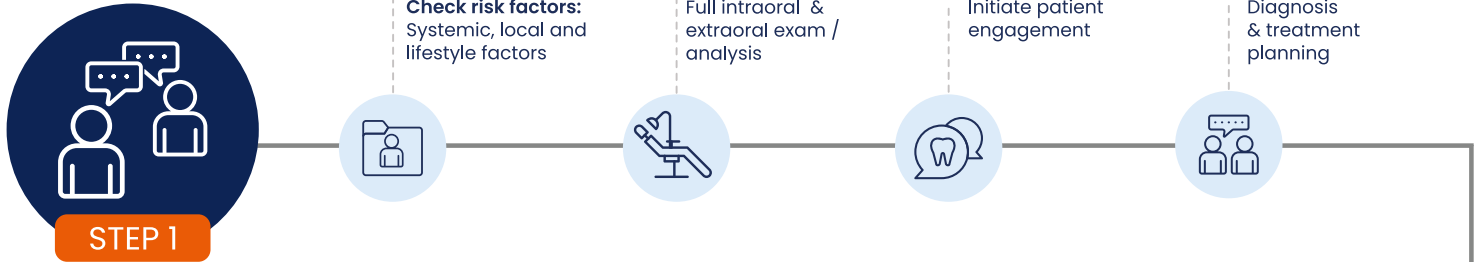
Complete STEP 2, STEP 3, and STEP 5 of the MIT protocol, using its ultrasonic scaler and powder therapy, for supragingival and subgingival treatment.

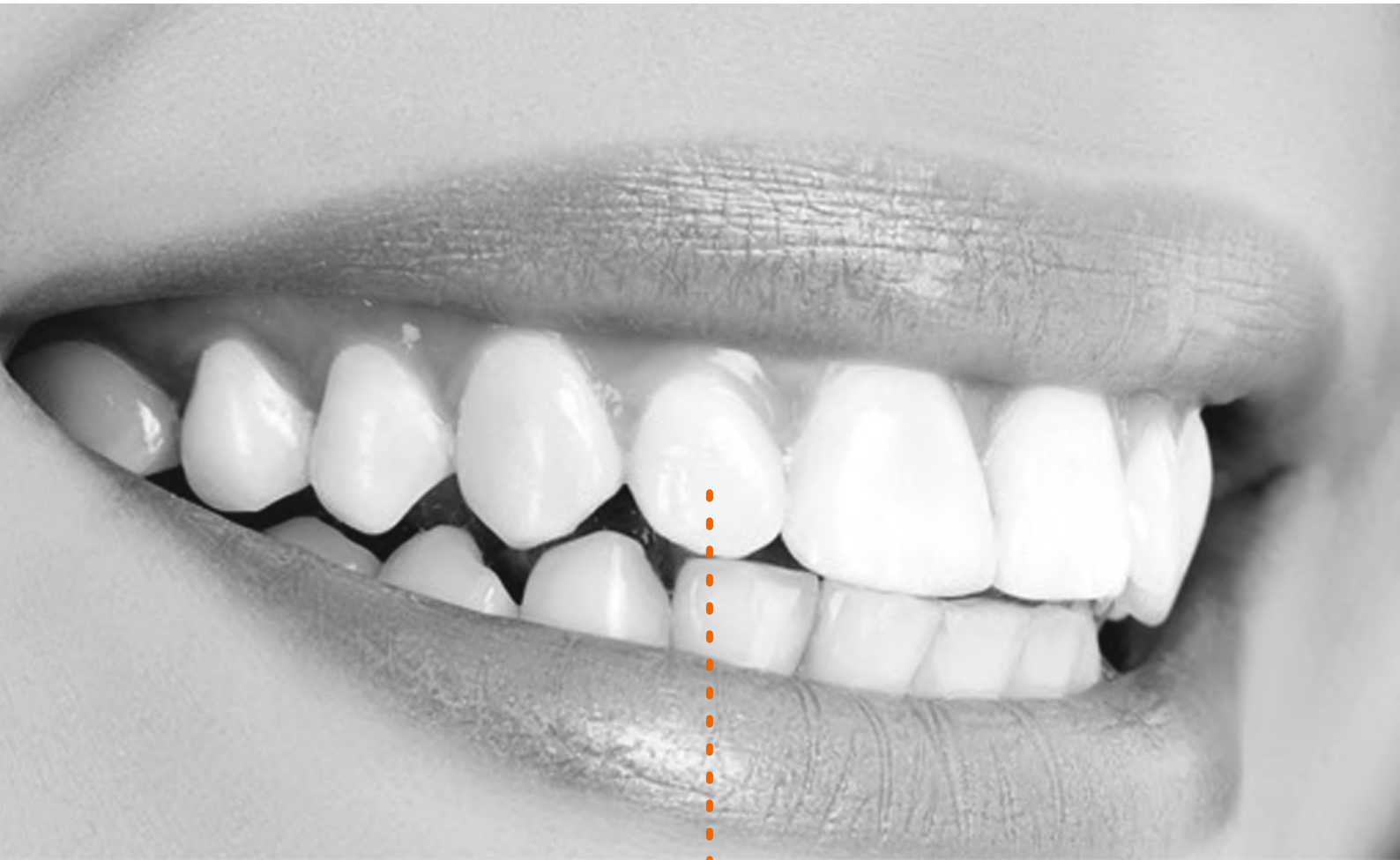


NSK is committed to quality oral hygiene and creating intuitive, daily driver dental products

# The M.I.T. journey

## SCREEN / ASSESS





**32**

## **reasons to buy the Varios Combi Pro2**

After listening to the needs of a broad range of dental professionals - we've crafted a combi-device that delivers the advanced functionality clinicians really want.

Combining subgingival and supragingival powder therapy, with ultrasonic scaling for periodontal treatment, the Varios Combi Pro2 is designed for ease of use, adapting to your preferred treatment style.

Born from NSK's wide range of experience and research, the Varios Combi Pro2 provides the professional care you have come to expect from NSK. With its durability and effortless maintenance, it is your perfect 'daily driver', helping you perform routine dental work smoothly and efficiently - without interruptions.

With NSK by your side, you have the tools to perform at your very best - providing smooth, efficient care, from prevention to treatment, for every patient, every time.

## ULTRASONIC SCALER

### Easy-eject water bottle

For your ease and convenience, the water holder can be easily detached and reattached



### Titanium slim scaler handpiece

Including our world-first ultrasonic scaler handpiece made from pure titanium. Our unique DURAGRIP finish provides excellent grip and stability during use, with the LED light providing great view ability.



### Adjustable water volume

With our analogue dial, you have precise and intuitive control of water volume.



Each dial corresponds to the ultrasonic scaler and powder functions..

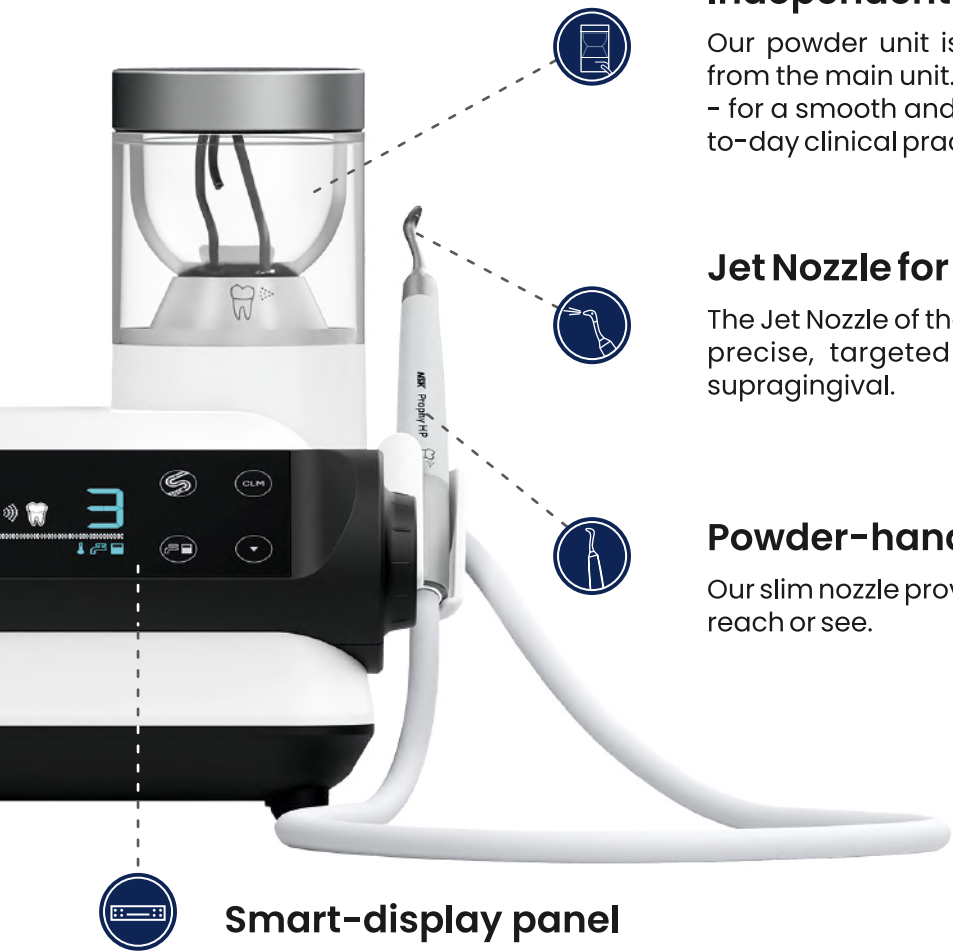


### Water heating

Both the ultrasonic scaler and the powder handpiece will inject heated water ensuring greater patient comfort.

# PURSUING

## POWDER THERAPY



### **Independent unit & chamber**

Our powder unit is uniquely designed to be separate from the main unit. It is built to last and easy to maintain - for a smooth and uninterrupted workflow in your day-to-day clinical practice

### **Jet Nozzle for Perio Handpiece**

The Jet Nozzle of the Perio Handpiece helps you execute precise, targeted treatment - whether gingival or supragingival.

### **Powder-handpiece, with slim nozzle**

Our slim nozzle provides easy access to areas difficult to reach or see.

### **Smart-display panel**

Featuring our all-in-one smart-display panel, which only shows the consolidated keys relevant to the current procedure - allowing focussed treatment and effortless operation.

# USABILITY

# ULTRASONIC SCALER

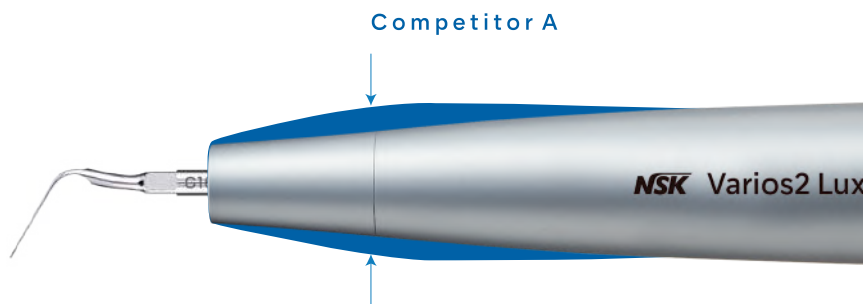
## Made to last. Comfortable to use .

At NSK we do not compromise on quality. Our ultrasonic scaler handpiece offers great user-friendliness, comfort, durability, convenience, accessibility, and visibility.

Our Varios Combi Pro2 is equipped with our world-first ultrasonic scaler handpiece - made from pure titanium: heat and chemical resistant, and able to withstand multiple reprocessings and autoclave sterilisations.

In addition, to ensure great grip and stability, our scaler handpiece is finished with the highly regarded DURAGRIP, used in NSK's premium handpiece range.

This elegant, durable, well-balanced and lightweight scaler is comfortable to use, with long lasting performance.

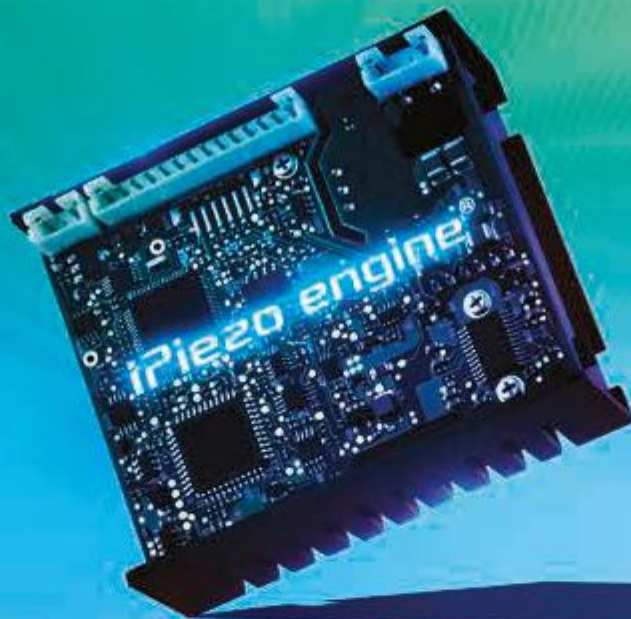


# iPiezo engine®

The unique ultrasonic AI engine responds intelligently to tooth surface conditions

"I'd like to be better at scaling", "I'd like an easier way to remove deposits"

We carefully considered the opinions of clinicians in the development of our unique next-generation AI ultrasound engine which is at the heart of the NSK ultrasonic series. The actions of the operator are transmitted accurately to the tip, as if it were an extension of the hand. This allows treatment to match tooth surface conditions. The result is faster and gentler treatment for patients and at the same time eco friendly as it operates efficiently with low power consumption.



Fitted with the next-generation ultrasonic AI engine, the iPiezo engine®

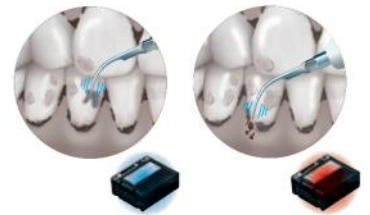
NSK's unique high-performance ultrasonic iPiezo engine allows for smooth operation as it transmits the operator's movements to the tip.

### Feedback Function:

The NSK iPiezo engine supplies the appropriate power to the tip depending on the condition of the tooth surface. iPiezo engine provides a stable frequency output without dropping the power, even when removing hard calculus.

### Auto Tuning Function:

The Auto Tuning Function provides stable frequency to the tip at the selected power range. It allows the operator to feel the power output which ensures the optimum result.



### Allows for steady scaling:

Conventional ultrasonic scalers lose power when moving from soft to hard tartar. The load on the end of the tip is automatically detected by the action of the iPiezo engine allowing for steady scaling without power-loss.

### **LED** A slim highly-ergonomic LED handpiece

The ø9.5 mm slim tip of the Varios2 LUX handpiece makes it easy to operate throughout the entire oral cavity. The slim handpiece facilitates a smooth approach to difficult to access areas such as the molars. This provides freedom of movement in the oral cavity allowing the tip to be applied at the correct angle. The easy to grip ultra-light handpiece reduces strain on the hands and fingers. With a wide spectrum of close to natural light LED illumination, the view is always bright with high recognition capability.



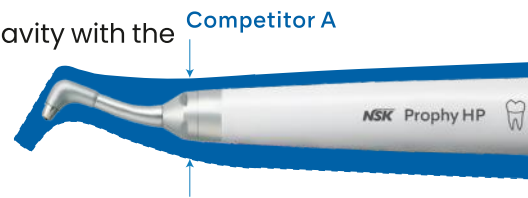
Autoclave sterilisation and thermo-disinfection are both possible, delivering high safety standards



# POWDER THERAPY slim, exchangeable nozzles.



- ▲ Our powder handpieces and nozzles are designed to make your work easier and more efficient:
- ▲ Accessing the molar region is easier with the long, narrow nozzles.
- ▲ You'll experience excellent visibility and maneuverability within the oral cavity with the slim handpieces & nozzles.
- ▲ A wide operating field can be ensured on the lingual aspect without opening the lips wider than necessary on the buccal side.
- ▲ The nozzles are fully replaceable right at the chairside, making maintenance and repairs hassle-free.



## Jet Nozzle for perio powder handpiece

In response to clinicians' demand, we've developed a Jet Nozzle for the Perio Handpiece - to be used in supragingival treatment. In addition to the previous Perio Nozzle, it is now possible to precisely target the appropriate area with this Jet Nozzle. These two types of perio nozzles can be interchanged depending on the desired application.

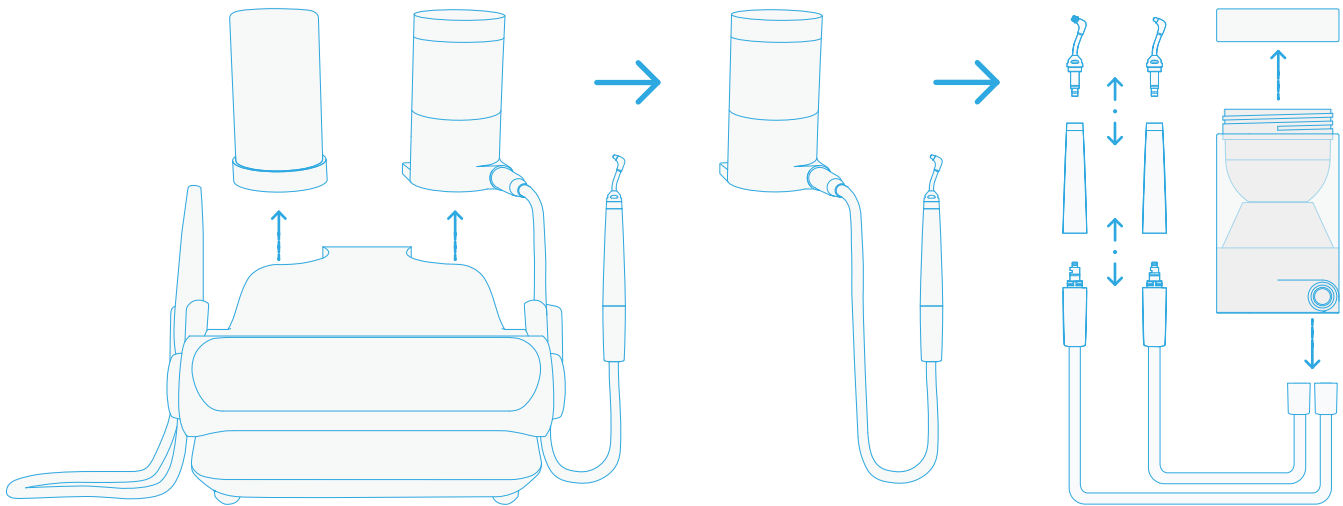


# Constant Availability



## Independent unit & chambers

With the Varios Combi Pro2, all the powder guiding lines (powder chamber, hose, and handpieces) are separate from the main unit. In the unlikely event of powder clogging, the parts can easily be detached by hand. There is generally no need to dismantle or send the entire device to the supplier or manufacturer for repairs or part replacement. Your practice can therefore keep running and generating income - without interruptions.



The main unit's interior features a design based on a smart concept: having air and water circuits only.



## No routine servicing required

As the Varios Combi Pro2 is designed for easy care and upkeep by you, regular maintenance by your local NSK service provider is not required. Practice downtime due to maintenance is therefore a thing of the past. Should the need arise, our friendly support team is always available.

# Easy Care



## Auto-Cleaning

The Varios Combi Pro2, has four auto-cleaning modes that can be run (as appropriate) after each patient session, or at the end of the day.

These avoid the need for a multitude of tools, while reducing the risk of powder clogging and water accumulation. They also keep the inside of the device clean at all times.



Auto-cleaning Powder



Auto-cleaning Powder



Auto-cleaning Ultrasonic Scaler



Auto-cleaning Dual



## CLM Mode

Cleaning the water circuit inside the unit is simple, using our b.clean solution and CLM mode setting, making the Varios Combi Pro2 compliant with European reprocessing requirements. As an additional built-in safety mechanism, the unit is set to disable regular use, until the chemical solution is fully drained..



# Patient Comfort



## Water Heating System

The Varios Combi Pro2 is equipped with a water circuit heater for both the ultrasonic scaler and the powder handpieces. With the temperature of the injected water being approximately the same as that of the oral cavity - greater comfort for a wide range of patients is ensured, even those with sensitivity.

# Operability

## Wireless multi-function foot-control

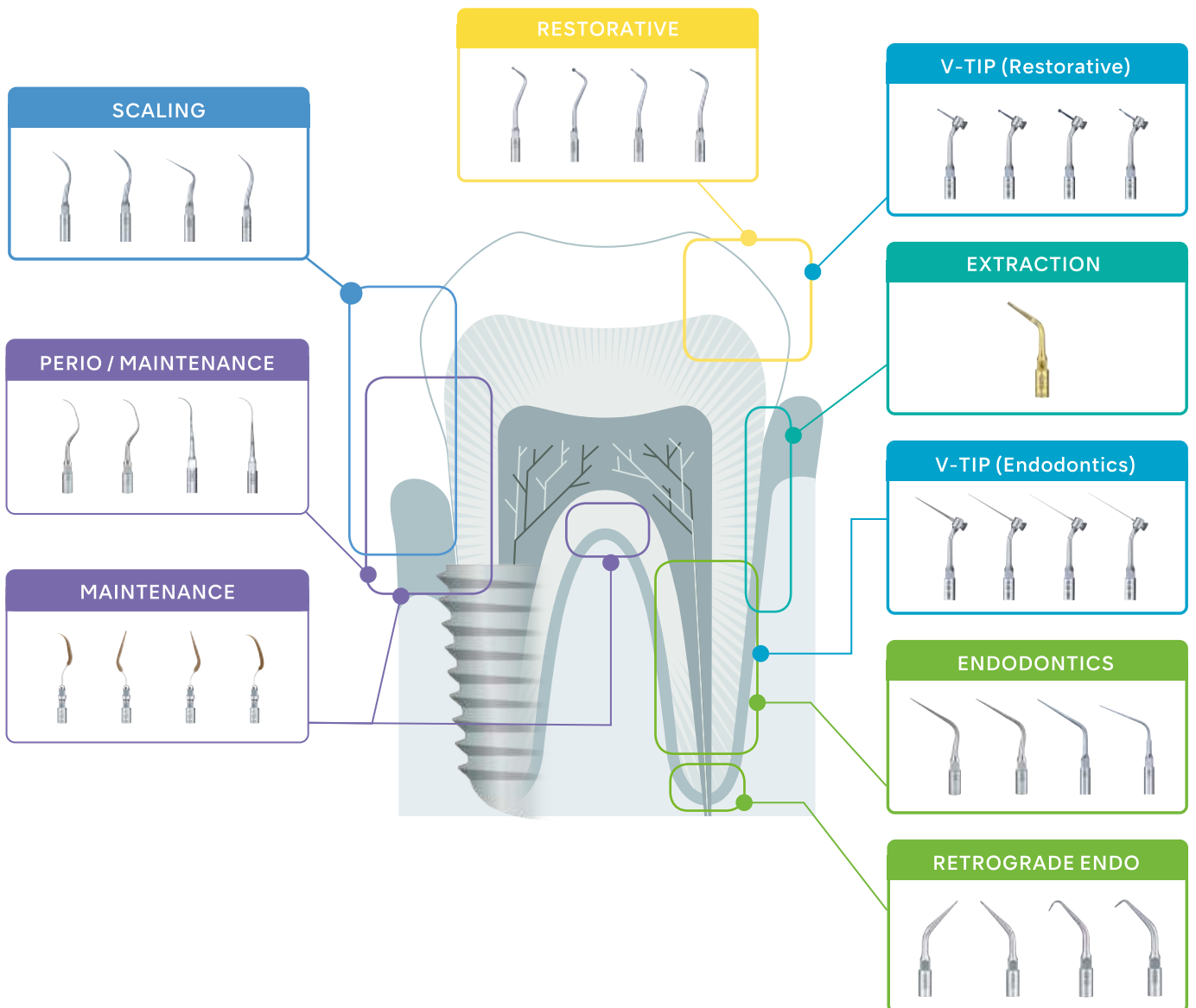
Position the foot-control where it is most optimal for you, without concern for any limiting cords / cable lengths.

The Varios Combi Pro2 foot-control connects via Bluetooth®, and enables carefree and convenient operation using its multi-function control options - so you can concentrate fully on the treatment at hand.



# Ultrasonic scaler tip variations

Our diverse range of more than 70 types of ultrasonic scaler tips, means that the ultrasonic scaler is suitable for a wide of range clinical applications, including both preventative care and the treatment of dental conditions.





# POWDERS

# Powders

## Maintaining healthy and beautiful smiles

Powder therapy effectively eliminates subgingival and supragingival stains and biofilm. By utilising the Varios Combi Pro2 benefits and protocols , you can unlock a new era of professional care – delivering exceptional results . Ca re –free for you, and reassuring for your patients .

### 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

- ▲ contains no sodium chloride (no salty taste)
- ▲ suitable for patients on a restricted sodium diet

Average particle size: 54 µm



MODEL	ORDER CODE
<b>FLASH Pearl</b>	<b>Y900698</b>
300g bottle x 4	

### Perio Mate Powder

Polishing powder for gingival margin and subgingival use.

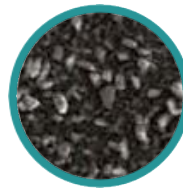
**Intended use:** removal of biofilm

and minor staining

Principal ingredient: Glycine

- ▲ Unflavoured
- ▲ Sweet taste
- ▲ Highly water- soluble, so does not accumulate even when used subgingivally

Average particle size: 25 µm



MODEL	ORDER CODE
<b>Perio Mate Powder</b>	<b>Y900938</b>
1600g bottle x 2	

# FLASH pearl<sup>®</sup> Cleaning Powder

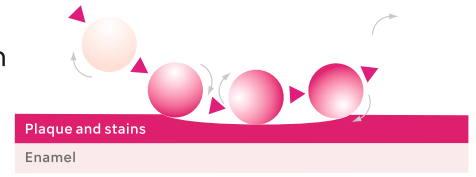
## Outstanding Cleaning Results with Gentle Powder

Not salty! The powder has less impact due to the delicate flavour and provides patients with gentle tooth surface cleaning. The secret behind intense cleaning and a smooth finish? Calcium-based spherical particles. Fine powder with an average particle size of 54 µm move as if rolling across the surface of the tooth, limiting damage to the tooth surface and rapidly removing plaque and stains. The “FLASH pearl” treatment is effective in a short space of time which encourages patients to schedule regular cleaning appointments.



## Sparkling results every time

FLASH pearl, a cleaning powder for Prophy-Mate neo and Varios Combi Pro2, is a spherical particulate powder designed to roll smoothly over tooth surfaces and penetrate all corners for rapid cleaning. The spherical shape of the powder granules lessens the likelihood of damage to teeth and soft tissue while removing stains and plaque quickly and safely.



## Fast cleaning in tight spaces

The nozzle is held close to the tooth surface at an angle close to horizontal (10° to 60°) and maneuvered in an intricate motion as if the powder is moving across the tooth surface. The wide discharge angle and freer range of discharge motion allow for smooth operation and contribute to improved treatment efficiency.

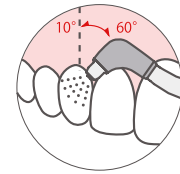
Please do not apply directly to the gumline.



The surface of the tooth after powder polishing under an electron microscope.

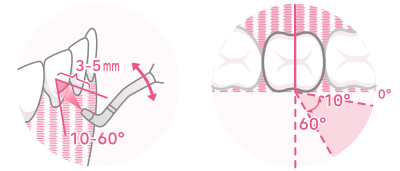
## Zero salinity, gentle ingredients with low impact on patients

As the powder is composed of 94% calcium carbonate, it is not unpleasant for your patients and absent in any salt-like taste. There's no need to worry about patients on restricted salt diets.



## Clogging is also minimised

The fine powder particles don't dissolve easily in water so clogging is reduced. Maintenance of equipment is easy as there is less powder build-up inside instruments.



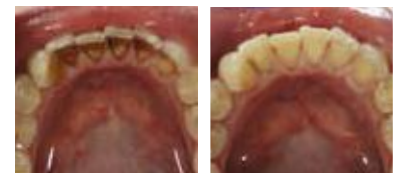
For Supragingival

Average particle size: 54µm



## Features

- ▲ Supragingival application
- ▲ Principal ingredient is calcium carbonate. Non-flavoured.
- ▲ For all grades of stain and discolorations; with special efficiency in strong stains
- ▲ Sodium-free, so no unpleasant salty taste and ideal for patients on sodium-restricted diets
- ▲ Spherical granules are gentle on tooth surface



Before

After



MODEL	ORDER CODE
<b>FLASH Pearl (Bottle)</b>	<b>Y900698</b>

- ▲ 4 bottles packed in a box
- ▲ Comes with a measuring cup for your convenience
- ▲ Each bottle contains 300 g



MODEL	ORDER CODE
<b>FLASH Pearl</b>	<b>Y900693</b>

- ▲ Stylishly packaged in a handy, original box
- ▲ Contains 100 x 15 g sachets

# Perio Mate Powder Cleaning Powder

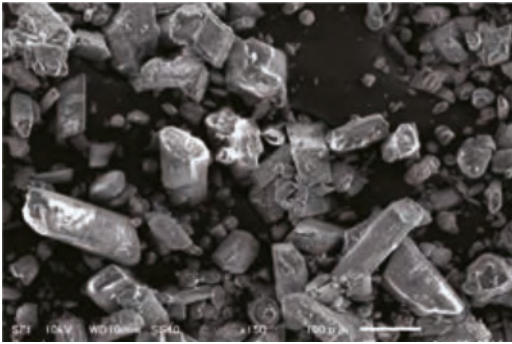
## **Gentle, Effective Cleaning for Sensitive Areas**

Perio Mate Powder is very gentle on the tooth surface and in the subgingival biofilm (periodontitis - peri-implantitis). It is highly water-soluble to prevent subgingival retention, and it also gently cleans restoration materials and facilitates comfortable treatment on exposed root surfaces.

For supragingival and subgingival application.

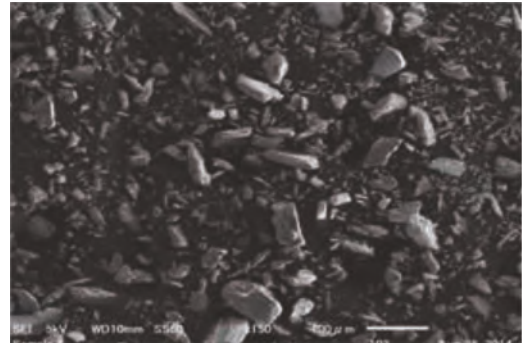


**Powder particle comparisons** The fine Perio Mate Powder is ideal for periodontal pocket treatment.



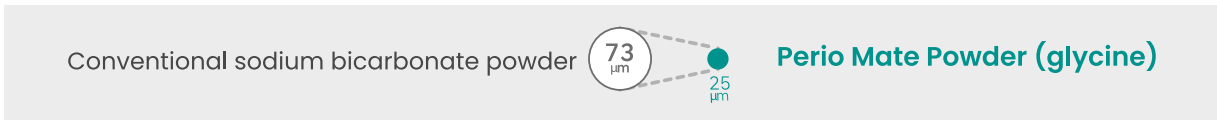
**Conventional sodium bicarbonate powder**

Average particle diameter: 73 µm  
Scanning electron microscope image magnification of 150×



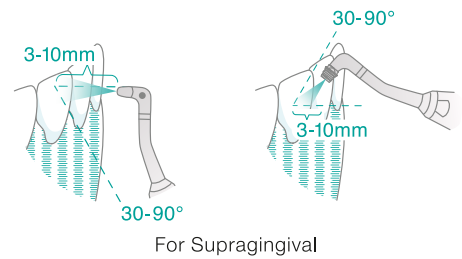
**Perio Mate Powder (glycine)**

Average particle diameter: 25 µm  
Scanning electron microscope image magnification of 150×



**Features**

- ▲ Subgingival application
- ▲ Principal ingredient is glycine, an amino acid present in proteins
- ▲ Highly water soluble to prevent subgingival retention



Before

After



MODEL	ORDER CODE
Perio Mate Powder	Y900938

**Contents**

- ▲ Two bottles (160 g each)

# Powder therapy

## Powder + Nozzle combinations & uses

MODE	POWDER KIT	HANDPIECE	NOZZLE	USE	POWDER
<b>PROPHY MODE</b> 	<b>FOR PROPHY</b> 				
<b>PERIO MODE</b> 	<b>FOR PERIO</b> 				



# Varios Combi Pro2

OPTIC	MODEL	ORDER CODE
●	Varios Combi Pro2 Basic Set	<b>Y1500505</b>

**Contents:**

- ▲ Varios Combi Pro2 Control Unit
- ▲ VA2-LUX-HP Ti
- ▲ VA2-LUX-SC Ti
- ▲ Prophy-Chamber2
- ▲ Prophy-Hose2
- ▲ Powder Handpiece (Prophy)
- ▲ Wireless Foot Control
- ▲ Hanger
- ▲ Air Hose
- ▲ Water Hose
- ▲ Irrigation Bottle Set
- ▲ CLM Bottle Set

**Specifications:**

- ▲ Dimensions: W 249 x D 290 x H 115 mm (including chambers)
- ▲ Weight: 3.5 kg
- ▲ Power source: AC 220 – 240 V 50/60 Hz
- ▲ Drive frequency (ultrasonic): 28 – 32 kHz
- ▲ Maximum output (ultrasonic): 11 W

## Optional



MODEL	ORDER CODE
<b>Prophy Kit2</b>	<b>Y1500469</b>

- Contents:**
- Prophy-Chamber2
  - Prophy-Hose2
  - Powder Handpiece (Prophy)
  - FLASH pearl powder (300g)
- \* Included in the Varios Combi Pro2 Basic set.



MODEL	ORDER CODE
<b>Perio Kit2</b>	<b>Y1500470</b>

- Contents:**
- Perio-Chamber2
  - Perio-Hose2
  - Powder Handpiece (Perio)
  - Perio Nozzle Tip 40pc
  - Perio Mate Nozzle tip remover
  - Perio Mate Powder (160g)

## Optional items

MODEL	PRODUCTS	ORDER CODE
<b>iCart Prophy2</b> Dimensions: H 840 mm Weight: 16 kg		<b>S9098</b>

MODEL	PRODUCTS	ORDER CODE
<b>Water Bottle Kit</b> Contents: • Irrigation Bottle Set • CLM Bottle Set • Purge Tool		<b>Y1500719</b>

MODEL	PRODUCTS	ORDER CODE
<b>CLM Module Set</b> Contents: • CLM Perio attachment • CLM Prophy attachment		<b>Y1500740</b>


MODEL	PRODUCTS	ORDER CODE
<b>VA2-LUX-HP Ti</b>		<b>EA1203X050</b>

MODEL	PRODUCTS	ORDER CODE
<b>Powder Handpiece</b> (for Prophy use)		<b>T1074001</b>

MODEL	PRODUCTS	ORDER CODE
<b>Powder Handpiece</b> (for Perio use)		<b>T1077001</b>

MODEL	PRODUCTS	ORDER CODE
<b>B.clean</b> (1L bottles x 6)		<b>BCL600</b>

## Spare parts

MODEL	PRODUCTS	ORDER CODE
<b>Nozzle</b> (for Prophy use)		<b>T1074012</b>

MODEL	PRODUCTS	ORDER CODE
<b>Nozzle</b> (for Perio use)		<b>T1077012</b>

MODEL	PRODUCTS	ORDER CODE
<b>Jet Nozzle</b> (for Perio use)		<b>TA10770106</b>

MODEL	PRODUCTS	ORDER CODE
<b>Irrigation Bottle Set</b> (for Water Bottle kit)		<b>ZA16160001</b>

MODEL	PRODUCTS	ORDER CODE
<b>CLM Bottle Set</b> (for Water Bottle Kit)		<b>ZA16240001</b>






WHERE TRUST COMES FIRST



**Warranty Ke Saath Bhi  
Warranty Ke Baad Bhi**

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 [sales@unicorndenmart.com](mailto:sales@unicorndenmart.com)

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

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