

**NSK**

Perio-Mate

# Perio-Mate

## BioFilm Eraser

Perio-Mate is used in the treatment of periodontal pockets and peri-implantitis. Avoiding injury to the soft tissues and root surfaces inside delicate periodontal pockets during cleaning procedures is crucial. The Perio-Mate's ultrafine water spray and glycine-based Perio-Mate Powder team up to gently eradicate biofilm in periodontal pockets in just 20 seconds.

Thanks to years of experience in analyzing fluid dynamics gained while developing its turbine technology, NSK has devised a safe and supremely efficient spray pressure method that enables fast, precise removal of plaque biofilm from subgingival areas. The combination of the Perio-Mate's slim nozzle and fine, thin and flexible plastic nozzle tip makes procedures safer and offers optimal visibility and operability as well. The nozzle tip's shape and composition are user friendly and enable thorough and easy access to soft tissues, ensuring comfortable treatments.

### Advantages

- NSK's innovative nozzle tip
- Precise, flawless powder flow
- Maintenance
- Powder Control Ring
- Slim nozzle design
- Smooth 360° rotation



# Perio-Mate

## BioFilm Eraser

### NSK's innovative nozzle tip



NSK's new nozzle tip design incorporates semitransparent materials that promote greater visibility during procedures. Hygienic single use tips mean enhanced usability and safety.



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### Flexible plastic nozzle tip design ensures accessibility and is gentle to the pocket



The slim nozzle tip possesses just the right degree of flexibility to pass smoothly over tooth surfaces, and can be easily inserted into tight pockets and the root surfaces of adjacent teeth without causing the patient discomfort. Quick fingertip adjustments also keep the nozzle tip properly orientated and ensure an optimal spray angle at all times.

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### Optimized nozzle design based on fluid analysis ensures flawless powder flow in the pocket



NSK's analysis of fluid dynamics gained through years of experience in developing turbine technology fully takes into account how a clinician must maneuver in the limited space inside the pocket. The result: ideal powder spray, precise removal of subgingival plaque and biofilm, and minimal damage to soft tissues.

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### Slim nozzle facilitates operation in the narrow confines of the oral cavity

Even in the narrow confines of the oral cavity, Perio-Mate's slim nozzle makes it easy to cover a wide work area while ensuring high visibility and easier subgingival procedures.

The long, narrow nozzle shape is designed to allow easy access to areas that require inserting the handpiece at an angle, such as between molars.





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### Smooth 360-degree rotation for safe and accurate operation

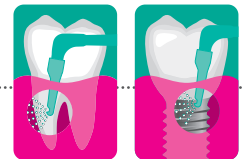


The handpiece can easily be rotated using the fingertips even while performing complex operations.

The nozzle tip allows easy access to difficult to reach areas, and does not adversely affect neighbouring teeth and contours.

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### Powder Control Ring



The Perio-Mate's convenient Powder Control Ring makes fine-tuning powder flow simple and intuitive with quick fingertip adjustments. You can remove biofilm and address peri-implantitis even in sensitive periodontal pockets and around implants gently and efficiently. In addition to easily controlling and stopping the flow of powder in this way, you can cleanse the treatment area from biofilm uninterrupted.



## Perio-Mate Complete System

MODEL	ORDER CODE		
PER-PTL-P	Y1002654		NSK Coupling
PER-KV-P	Y1002655		KaVo® LED Coupling
PER-SR-P	Y1002656		Sirona® LED Coupling
PER-WH-P	Y1002657		W&H® Roto Quick
PER-BA-P	Y1002658		Bien-Air® Unifix®
PER-M4-P	Y1002659		Connect direct to the handpiece tubing MIDWEST
PER-B2-P	Y1002660		Connect direct to the handpiece tubing BORDEN

### Contents

- Handpiece • Powder case • Nozzle tip (40 pcs) • Maintenance kit



## Perio-Mate Nozzle Tip

Hygienic disposable nozzle tips

MODEL Perio-Mate Nozzle Tip  
ORDER CODE Y1002741

- 40 pcs per pack



## Perio-Mate Powder

Powder for subgingival treatment using air-polishing devices

- Glycine-based
- Mean particle size <math><45\mu\text{m}</math>

MODEL Perio-Mate Powder  
ORDER CODE Y900938

- 4 bottles packed in a box • Each bottle contains 100 g

## Maintenance



The nozzle with its nozzle tip, handpiece and powder chamber can be easily dismantled for cleaning and decontamination. A comprehensive tool kit including a blower nozzle makes dealing with blockages really easy.

## Clinical procedure

- Twenty seconds per tooth (five seconds per side) is ideal for removing biofilm from within the pockets.
- To be used for peri-implantitis within 5 mm of the area affected by gingivitis. (For maintenance in cases of periodontitis and peri-implantitis therapy after initial treatment is completed; for periodontal pockets up to 5 mm in depth only.)

\*Protocol cases are available on request, and can also be found on our website, [www.nsk-inc.com](http://www.nsk-inc.com).

\*Do not wash the powder case or the powder case's cap in a thermo-disinfector.



The handpiece can be washed in the thermocyclor.



Autoclavable up to 135°C



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