

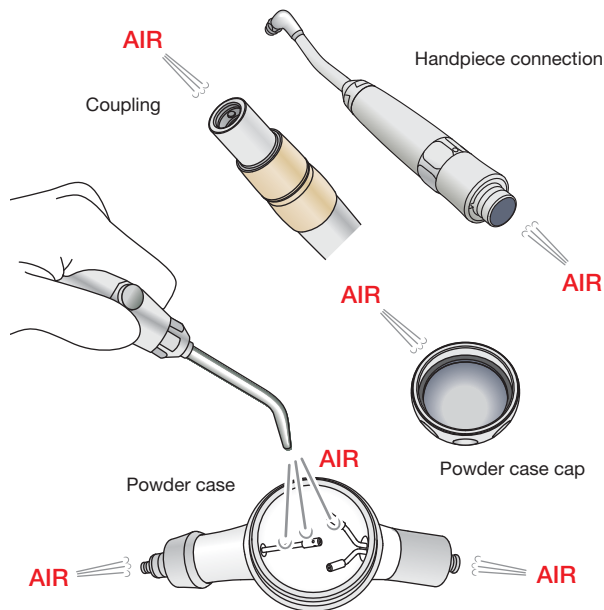
NSK Perio-Mate Quick Maintenance Manual



Before use



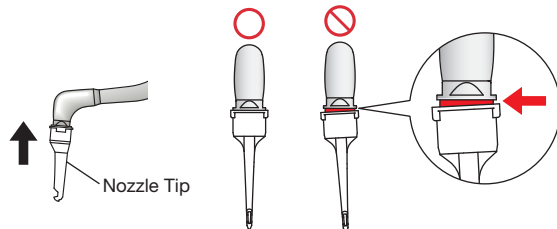
Before use, thoroughly dry the coupling, handpiece, hose joint section of the powder case, inside of the powder case, and inside of the powder case cap.



Attaching and Removing the Nozzle Tip

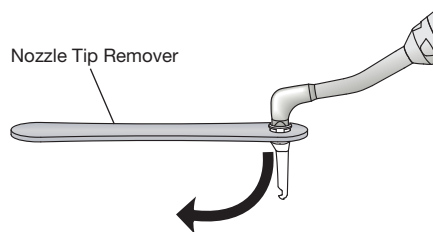
Attaching the Nozzle Tip (Refer to the Operation Manual 6-6)

Securely attach the Nozzle Tip to the handpiece nozzle by referring to the figure below. After attaching, lightly pinch the Tip and check it is not removed from the handpiece nozzle. If the Tip is attached incorrectly, the Tip will come off and accidental ingestion may result.



Removing the Nozzle Tip (Refer to the Operation Manual 6-6)

After treatment, remove the Nozzle Tip from the handpiece using the Nozzle Tip Remover and dispose of it.



Care After Use

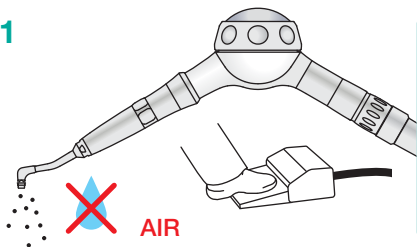


Caution

- Cleaning of Perio-Mate after use and regular maintenance are required.
(Failure to do so may cause powder blockage, water leakage, etc.)
- The Nozzle Tip is a single use product. Do not reuse or resterilize it.
- If powder remains in the Powder Case or Handpiece, it will solidify which may cause clogging.
- Before use, thoroughly dry the coupling, handpiece, hose joint section of the powder case, inside of the powder case, and nozzle. Also, perform idle running with air alone to expel any internal water.
- Make sure you clean the Perio-Mate in an ultrasonic bath once a week to prevent the instrument from clogging (refer to the Operation Manual 5-1).

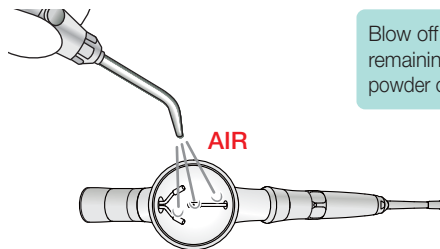
1 Discard of the cleaning powder (Refer to the Operation Manual 7-1~7-2)

1



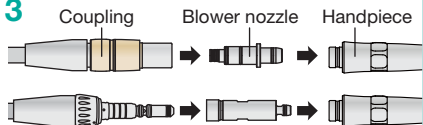
After removing the cleaning powder in the powder case, perform idle running with air alone to discharge water and powder in the nozzle.

2



Blow off the powder remaining in the powder case with air.

3



※Blower nozzles for other brands couplings are also available.

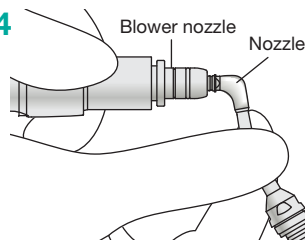


AIR



Fit the supplied blower nozzle to the coupling and attach to the handpiece. Run idle with no water for more than 5 sec. to clear lines.

4



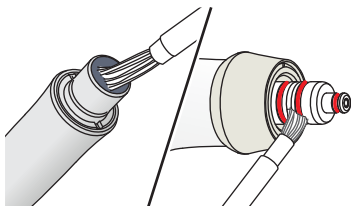
Use the blower nozzle in the same way to clear the lines in the Perio-Mate nozzle. Blow from the far end of the nozzle.



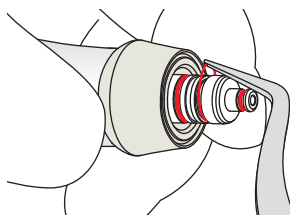
When idling, hold the Nozzle and Handpiece tight.

2**Cleaning**

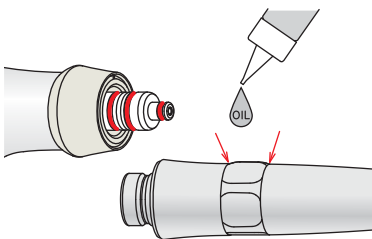
(Refer to the Operation Manual 7-3~7-4)

1

Carefully clean the inside of the joint section of the handpiece and the O-ring section of the powder case with the supplied cleaning brush.

2

If powder adheres to the O-ring section, remove the O-rings, and carefully clean the O-rings and grooves.

3

Dry the O-ring section of the powder case and the Adjustment Ring section, apply a drop of the supplied turbine oil and rub it in with your fingers (refer to the Operation Manual 7-4).



If you fail to lubricate the O-ring section, the powder case and handpiece may no longer swivel freely and water may leak.

3**Sterilization**

(Refer to the Operation Manual 8-2)

135°C
SSS

Disassemble the powder case cap and rinse under running water.

All the parts are autoclavable. Perform autoclave sterilization up to 135°C after cleaning.

ex.) Autoclave for 20 min. at 121°C, or 15 min. at 132°C, or 3 min. at 134°C.

※ In case the sterilizer chamber temperature may exceed 135°C during the drying cycle, skip the drying cycle.

Ultrasonic cleaning

(Refer to the Operation Manual 8-1)



Be sure to do this once a week or after operating Troubleshooting.

Be sure to remove the cleaning powder and clean it prior to ultrasonic cleaning.

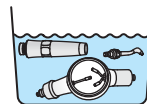
Rubber packing



Remove the rubber packing and disassemble the powder case cap.



Rinse under running water.

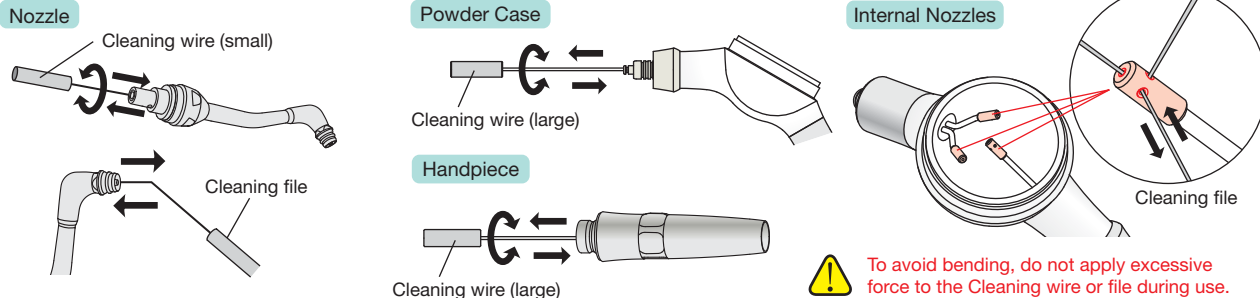


Perform ultrasonic cleaning with hot water (refer to the Operation Manual 8-1).

Troubleshooting

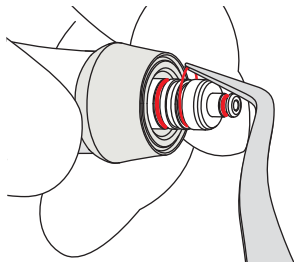
Powder Clogging (Refer to the Operation Manual 8,10)

- 1 Remove the Nozzle from the Handpiece and clean the inside of the Nozzle and Handpiece with the supplied Cleaning Wires and Cleaning File. In the same way, clean the Handpiece Joint Section and the Internal Nozzles of the Powder Case.



- 2 After removing the solidified powder, perform ultrasonic cleaning and autoclave sterilization.

Water Leakage (Refer to the Operation Manual 7-3~7-4)



Replace the O-ring(s) at the handpiece joint section of the powder case, apply a drop of the supplied turbine oil and rub it in with your fingers.

Caution

- Basic maintenance methods after use are described in the Quick Maintenance Manual. Refer to the operation manual for more detailed instruction.
- Keep the Operation Manual and the Quick Maintenance Manual for future reference.
- Perform ultrasonic cleaning once a week to prevent clogging of powder. (Refer to the Operation Manual 8-1)
- Thoroughly dry the inside of the Powder Case and the connection part after each maintenance process.