



**BRASSELER USA**  
DENTAL INSTRUMENTATION

Air Motor Handpiece for Disposable Prophy Head

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# HygienePro™ Air



: AUTOCLAVABLE

OM-MR080E

Thank you for purchasing the Hygiene Pro AIR, air motor handpiece for disposable prophy head. Please read this operation manual carefully before use and file for future reference.

## **Caution**

- When operating the handpiece always consider the safety of the patient.
- The prophy handpiece is designed only for dental clinical use.
- Do not attempt to disassemble the handpiece nor tamper with the mechanism.
- Check for vibration, noise and overheating outside the patient's oral cavity before use. If any abnormalities are found, stop using immediately and contact Brasseler USA.
- Should the handpiece function abnormally, cease operation immediately and return the handpiece to Brasseler USA for repair.
- Do not allow any impact on the sheath. Do not drop the handpiece.
- When using the Hygiene Pro Air, observe the allowable maximum speed specified by the disposable prophy manufacturer and the allowable maximum speed of the handpiece. If you use it exceeding the allowable maximum speed, the rubber part will tear and fly off or paste will splatter, which may result in injury.
- Remove the disposable prophy head or the handpiece after the air supply is stopped completely.
- Coolant air Requirements: dry, free from contamination and oil. Use a compressor with a dry air system. Install an air filter if necessary.
- Do not wash, soak, or wipe off the handpiece with/in potentially oxidizing solutions (strong acid, superacid solution) or sterilized solution.

# 1. Specifications

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Allowable Max. Speed	2,000-3,000 min <sup>-1</sup> (rpm)
Drive Air Pressure	30-40 psi (2.1-2.8 bar)

## 2. Connecting / Disconnecting the Handpiece

### **Caution**

Ensure that the air supply has completely stopped before handling the handpiece.

#### 1) Connection

Align the pipe of the handpiece and the pipe hole of the hose, and push the handpiece onto the hose. Hold the handpiece tightly and fasten the nut of the hose securely.

#### 2) Disconnecting

To disconnect the handpiece from the hose, unscrew and detach the nut of the hose, and gently pull out the handpiece.

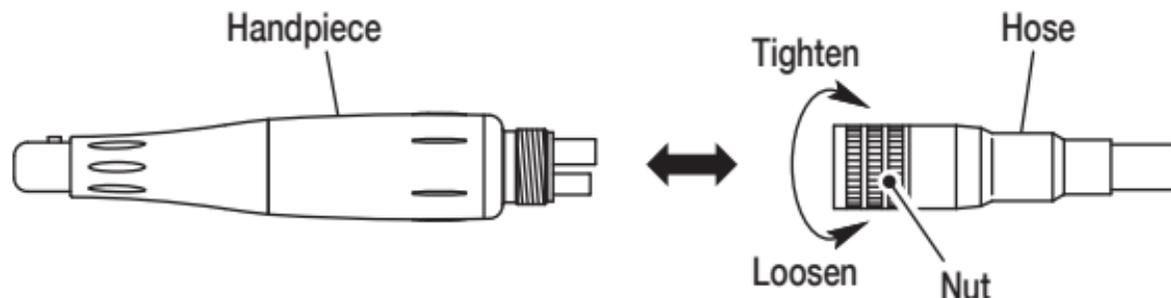


Fig. 1

### 3. Mounting and Removing the Disposable Propy Head

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#### **Caution**

Ensure that the air supply has completely stopped before handling the disposable propy head.

#### ■ **Mounting**

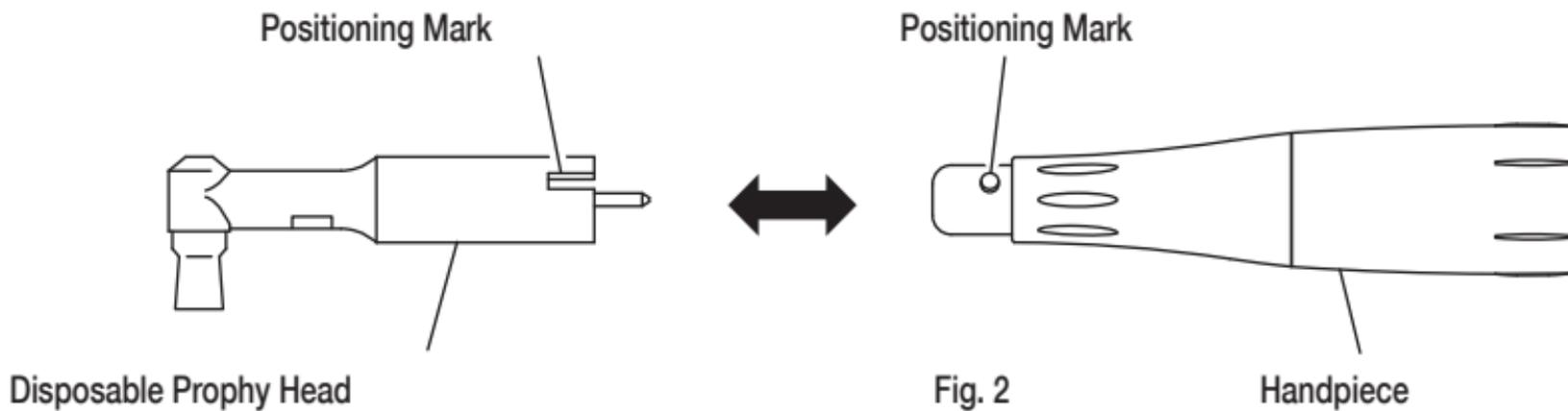
To connect the handpiece and the disposable propy head, align the positioning marks of the handpiece and the disposable propy head, and insert firmly.

#### **Caution**

After the disposable propy head is locked in place, make sure the disposable propy head is locked.

## ■ Removing

To disconnect, hold the disposable prophy head and the handpiece, and pull out straightly.

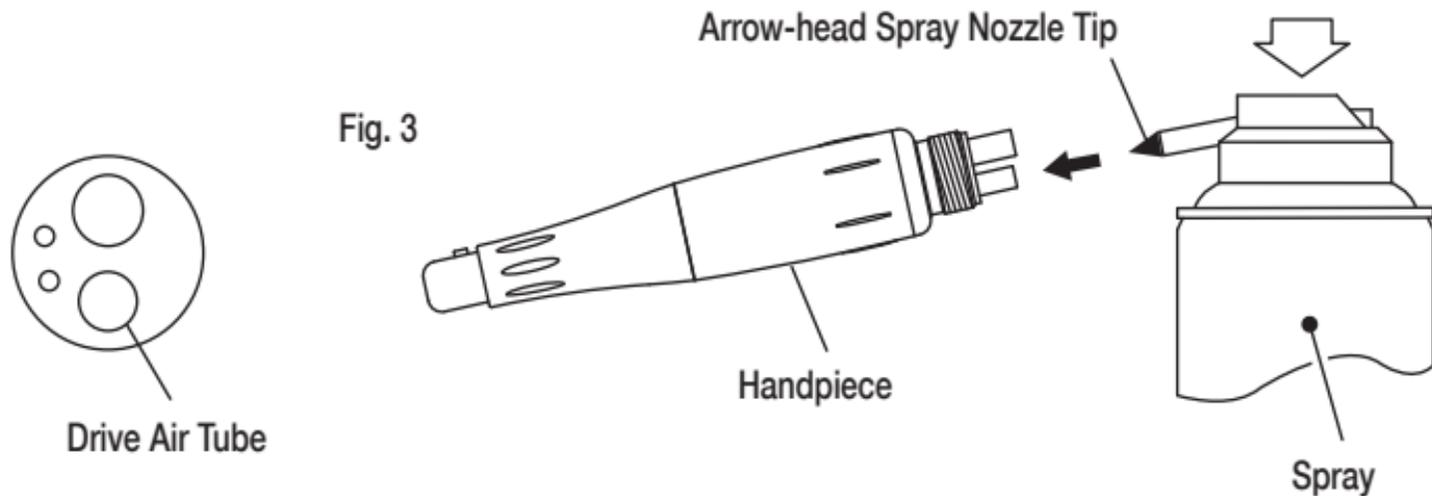


## 4. Lubrication

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Lubricate after each use and/or before autoclaving.

- 1) Mount the arrow-head spray nozzle tip into the spray port.
- 2) Insert the arrow-head spray nozzle in the drive air tube of the handpiece and spray for approximately 2-3 seconds.



 **Caution**

- Hold the can upright.
- Be sure to hold the handpiece firmly to prevent the handpiece from slipping out of hand by the spray pressure when lubricating.
- Supply lubricant until it comes out of the handpiece head (for approx. 2-3 seconds).

## 5. Sterilization

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- Autoclave sterilization is recommended.
- Autoclave Sterilization is required first time you use and after each patient as noted below.

### **Autoclave Procedure**

- 1) Scrub dirt and debris from the handpiece, and wipe clean with alcohol-immersed cotton swab or cloth. Do not use a wire brush.
- 2) Lubricate
- 3) Insert into an autoclave pouch. Seal the pouch.
- 4) Autoclavable up to a max. 135°C  
Ex.) Autoclave for 20 min. at 121°C or 15 min. at 132°C.

 **Caution**

- If the sterilizer chamber temperature could exceed 135°C during the dry cycle, skip the dry cycle.
- Always place the handpiece in the center or upper shelf of the chamber, as local temperature at the bottom of chamber could rise beyond set value.
- Do not wash, soak or wipe off the handpiece with/in potentially oxidizing solutions (strong acid, superacid solution) or sterilizing solution.

## **6. Warranty**

Brasseler USA warrants the handpiece against defects in manufacturing, workmanship and materials. Brasseler USA reserves the right to analyze and determine the cause of any problem. Warranty is voided should the handpiece not be used in accordance with this manual.

\*Specifications may be changed without notice.

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DENTAL INSTRUMENTATION

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