

# OPERATION and MAINTENANCE INSTRUCTION MANUAL

## ADU-03 Single Handpiece Manual Control System

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**Aseptic**

The Aseptico ADU-03 is one of the finest pneumatic handpiece control systems available to the professional. Offering manual activation and easily mounted on a wall or post, the ADU-03 provides an economic control system for a dental operator, hygienist's room, or satellite office.

## *Congratulations!*

This system is engineered to provide many years of reliable service. Please read the instructions provided in this manual to receive the best and longest service from your Aseptico equipment.

Separate manuals may be provided to cover the operation and maintenance of handpieces or other accessories for your unit.

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### PACKAGE CONTENTS

- ADU-03 Pneumatic Control Unit
- TA-90D 3-Way Air/Water Syringe with Tip
- AA-42 Foot Control and Tubing
- Highspeed or Lowspeed Handpiece (Purchased Separately)

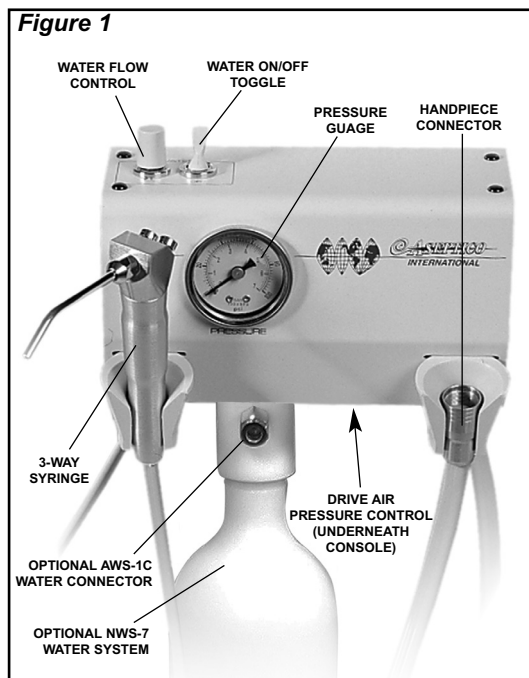
### OPTIONS

- NWS-7 Self-Contained Clean Water System
- AWS-1C Water Connector for scalers

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### SETUP:

1. Connect to a clean regulated 80-100 PSI compressed air supply.
2. **Optional NWS-7 Water System** - Locate the white plastic water-supply bottle and fill it with clean or sterile water. Attach the bottle to the white fitting on the underside of the unit (see Fig. 1).



## OPERATION FUNCTIONS: *(Refer to Fig. 1)*

### Water On/Off Toggle:

Controls the on/off flow of water coolant to the handpiece.

### Water Flow Control:

Adjusts the water coolant flow to the handpiece.

### Pressure Gauge:

Gives a visual indication of the drive air pressure to the handpiece.

### Drive Air Pressure Control:

Adjusts the drive air pressure to the handpiece.

### Foot Control:

Controls the drive air pressure to the

handpiece. Apply light foot pressure to any part of the foot control cover.

### 3-Way Air /Water Syringe:

Delivers air, water, or a combination mist. Supplied with autoclavable tip.

### NWS-7 Water System (Optional):

White 1-liter bottle dispenses water through the 3-Way Air/Water Syringe and handpiece.

### AWS-1C Water Connector (Optional):

Provides water via standard 1/4" quick disconnect to independent Cavitron or scaler units requiring a water supply.

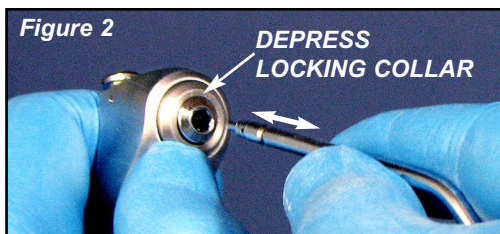
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## UNIT OPERATION:

**Handpiece** - Connect either a high-speed or low-speed handpiece to the handpiece connector. Depress foot control for operation.

**3-Way Air/Water Syringe** - Depress the right button for air operation, and the left button for water operation. Depressing both buttons will create a mist. The syringe features quick-change autoclavable tips: To remove a tip, press on the locking collar surrounding the tip socket and pull the used tip straight out of the socket (see Fig 2). To insert a new tip, press

locking collar and push tip into socket as far as it will go. Release collar and gently tug on tip before using to ensure that tip is securely locked into socket.



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## CLEANING

### Syringe Tip Sterilization:

- 1) Remove contaminated syringe tip.
- 2) Remove all visible signs of contamination before autoclaving.
- 3) Autoclave tip at 132° C (270° F) for ten minutes.
- 4) Sterilize between each patient use.

**NOTE:** Since only the tips can be autoclaved, it is recommended that the air/water syringe be bagged with a disposable, single-use plastic sleeve between each patient use.

**Water Lines:** Disinfect the water lines weekly. Prepare a 1:10 bleach solution (1 part household bleach to 10 parts water). Remove water reservoir and discard residual water. Replace empty water supply tank and air purge all waterlines. Fill water supply tank with bleach solution. Run bleach solution through all lines. Allow bleach solution to stand in lines for 10 minutes. Remove water supply tank and discard bleach. Flush water supply tank and all lines thoroughly with clean water. Air purge and leave lines dry until next clinical use.

## WARRANTY

Aseptico warrants its products against defects in material or workmanship for a period of two (2) years, from date of original invoice. Some handpieces are warranted for one year under the same conditions. Other handpieces and expendable components, such as air turbines and light bulbs, are covered by shorter warranty periods, or have no warranty. Aseptico's sole obligation under product warranty is (at its sole option and discretion) to repair or replace any defective component or product in part or whole. Aseptico shall be the sole arbiter of such action.

In the event of alleged defect under warranty, the purchaser is to notify Aseptico's Customer Service Department promptly. Customer Service will provide instructions, usually directing that the product be returned for service. Shipment to Aseptico and the cost thereof is always the responsibility of the purchaser.

Accidental misuse, inappropriate installation, or failure to perform directed maintenance voids the warranty. Deliberately defacing, modifying, or removing the serial number voids the warranty.

Aseptico does not assume, under this warranty, any risks or liabilities arising from the clinical use of its products, whether or not such use involves coincidental utilization of products manufactured by others.

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