

# OPERATION and MAINTENANCE INSTRUCTION MANUAL

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ADU-08SX **SEALANT**  
*Express*



 **Aseptico**

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## SYMBOL DEFINITIONS:



Type B  
Equipment



Type BF  
Equipment



Dangerous  
Voltage



Attention - Consult  
Accompanying  
Documents



0086



Advena Ltd  
Pure Offices  
Plato Close  
Warwick  
CV34 6WE  
UK

Performance, portability, and value combined with Aseptico quality make a winning combination with the ADU-08SX Sealant Express Delivery System.

The ADU-08SX is secured in a rugged injection molded case and features an air/water syringe, high volume vacuum system, self contained water system, and an air line filter.

# *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 other accessories for your unit.

## **PACKAGE CONTENTS**

- ADU-08SX Case and Unit
- AA-21SX Vacuum System
- TA-90D Air/Water Syringe
- Water Bottle
- Quick Grip Bar Clamp
- Air Supply Line
- Operation Instruction Manual

## SETTING UP THE UNIT:

The ADU-08SX unit may be set up independently or clamped to a table or counter top.

1. Unpack the ADU-08SX unit, and set on a table top.
2. Open the unit case and remove the Quick Grip bar clamp.
3. Position the unit close to the edge of the table top. Expand Quick Grip bar clamp, position over bottom edge of unit case and under the edge of the table, then ratchet trigger to compress and secure unit to table.
4. Fill plastic water bottle with clean water and screw into top mount beneath the unit control.
5. Remove Air Vacuum System Assembly from case and insert male quick disconnect into air receptacle on the side of the case. Hang hose end in holder on the front of the unit.
6. Place the air/water syringe into the proper holder on the front of the unit. Place the

disc foot control in a comfortable position on the floor.

7. Extend 1/4" grey air supply line with quick disconnect and plug into the AA-74 compressor, or a clean 50-100 PSI compressed air supply.

## OPERATION:

After the unit has been set up, you are ready for operation as follows:

**TA-90D 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. 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.

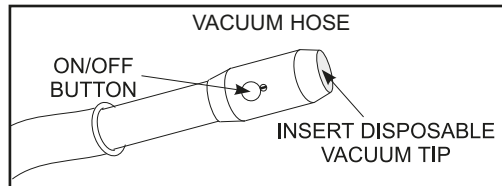
### Syringe Tip Sterilization:

- 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 auto-claved, it is recommended that the air/water syringe be bagged with a disposable, single-use plastic sleeve between each patient use.

**AA-21SX Air Vacuum System-** When the unit is connected to a compressed air source, and the vacuum bottle assembly is attached to the air receptacle on the side of the unit case, the Air Vacuum System should be fully functional. Insert a standard disposable vacuum tip into the hose end. Depress button on hose end to activate vacuum. Observe waste bottle while in use and dispose of waste when bottle is approximately 3/4 full.

Avoid waste flow-back during use by keeping the ON/OFF button depressed prior to entering the oral cavity and until the hose



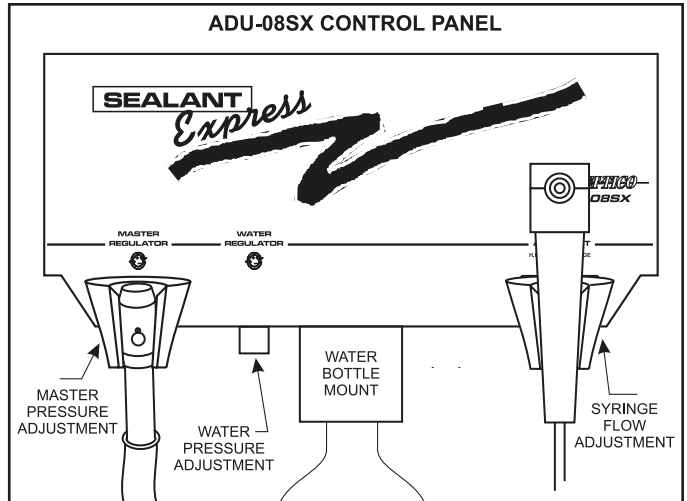
end has been removed from the patients mouth. Clean the entire hose assembly and waste bottle after each use by evacuating a cleaner/disinfectant through the system and thoroughly scrubbing entire assembly.

## MAINTENANCE:

**Master Pressure-** The master pressure regulator controls the incoming supply pressure. It is located behind the vacuum holder, underneath the control panel, inside the unit.

This regulator is factory set and should not require further adjustment. If further adjustment is needed, turn knob clockwise to increase pressure and counter clockwise to decrease.

**Water Pressure-** The water pressure regulator controls the pressure inside the water supply bottle. It is located to the left side of the water bottle, underneath the control panel, inside the unit. If further adjustment is needed, turn knob clockwise to increase pressure and counter clockwise to decrease.



**Syringe Flow-** The flow block controls the air flow to the three-way air/water syringe. It is located directly behind the syringe, underneath the control panel, inside the unit. Using a small screwdriver blade, turn the right adjusting screw clockwise to decrease air flow and counterclockwise to increase.

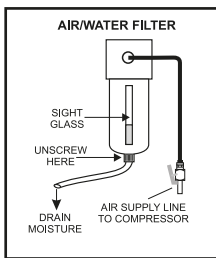
## CLEANING:

**Surface Disinfecting-** Any external surfaces of the ADU-08SX unit that are contacted during use should be carefully wiped down with a disinfectant between patients. The entire unit should be thoroughly cleaned at least once a day.

**Vacuum System-** After each patient, the air vacuum system should be thoroughly rinsed by evacuating clean water through the hose end followed by air to clear all water from the tubes. The entire system should be cleaned and disinfected each time it is emptied. **CAUTION:** Use only NON-foaming cleansers in the vacuum lines.

Syringe tips should be changed between patients, and used tips thoroughly cleaned and autoclaved before reuse.

**Air/Water Filter-** The ADU-08SX unit contains a built-in air line filter. It removes unwanted moisture, oil, dirt, chips, and other contaminants that may enter the air supply line. To ensure clean dry air to your unit, the filter bowl must be drained regularly. If a



significant amount of water can be seen through the sight glass on the moisture collection bowl, the filter should be drained. To drain, extend the drain line outside the unit and unscrew the drain valve. Allow all moisture to drain out, then retighten drain valve.

**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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