

# OPERATION and MAINTENANCE INSTRUCTION MANUAL

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## AEU-08D Electric Motor System



Your new Aseptico AEU-08D Electric Motor System is one of the finest motor/handpiece combinations available to the professional. It is well suited for many uses, including dental prosthesis, dental lab and applicable dental chairside work.

*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.

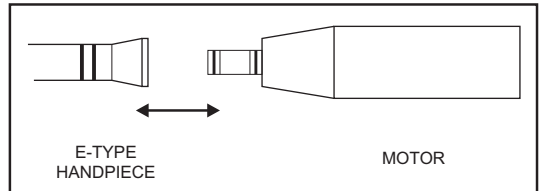
## PACKAGE CONTENTS

- Electric Control Console
- Remote Power Cord
- Micro Motor
- Autoclavable Motor Holder
- "E" Type 1:1 Straight Handpiece
- AE-7P Foot Switch



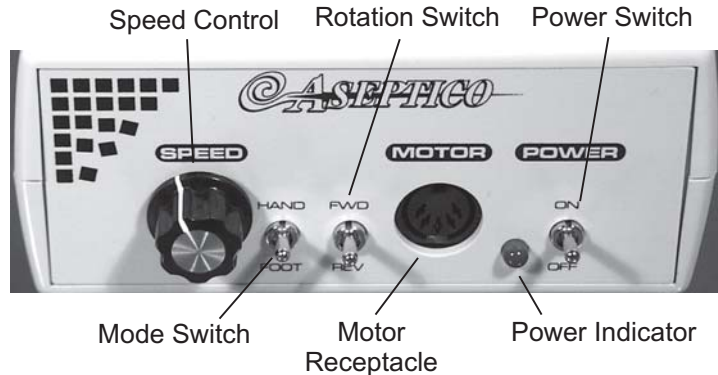
## SETTING UP THE UNIT:

1. Unpack the console and check that voltage is proper. Use 110v for 110-120v 60Hz voltages, and the 220v for 220-250v 50Hz voltages. For alternative voltages (220V-250V), confirm that the type of plug cap is correct for the country of usage and carries the proper certification markings. Correct cord is shipped with the console.
2. Attach the remote power cord to the back of the console and plug into a grounded electrical receptacle.
3. Connect the motor to the receptacle on the lower front panel of the console.
4. Attach the appropriate "E-Type" handpiece to the motor.
5. Insert a bit into the handpiece collet. ***Do not operate the unit without a bit or blank installed in the collet.***
6. Attach the AE-7P foot switch to the connector on the back of the unit marked 'Foot Switch'.



## OPERATION FUNCTIONS:

1. **Power Switch-** Controls power on/off to console. When turned on, power indicator LED should light up.
2. **Speed Control-** Controls the motor/handpiece speed. Turn clockwise for increased speed, counter-clockwise for decreased speed.
3. **Mode Switch-** Sets the unit to activate from foot switch or from power switch. If using the foot switch, set the mode to 'FOOT' and plug the supplied foot switch into the foot switch receptacle on the back of the console for proper operation. If not using a foot switch, set the mode to 'HAND' to activate motor whenever the power switch is on.



4. **Rotation Switch-** Selects clockwise or counterclockwise rotation of the bit. Set the rotation to 'FWD' for normal clockwise operation and to 'REV' for counterclockwise operation. Do not reverse rotation while motor is running.

## OPERATION:

After the unit has been set up and you have made yourself familiar with the operation functions, you are ready for operation as follows:

1. **Turn** the power switch on the lower front of the console to the 'ON' position. The front panel display will light.
2. **Set** the Mode and Rotation as desired.
3. **Turn** the Speed Control knob until the desired operating speed is reached.

## WARNING:

Do not reverse rotation while the motor is running. This could cause damage to the motor and void the warranty.



# STERILIZATION & MAINTENANCE

**CONSOLE-** The exterior of the console may be cleaned by wiping with a soft cloth moistened with mild detergent or disinfecting solution.

**HANDPIECES-** Thorough cleaning and lubrication of handpieces after each use and before sterilization is very important to ensure proper operation and service life of the handpiece. Follow the instructions provided with the handpiece purchased for complete maintenance instructions.

**MOTORS-** Non-autoclavable.

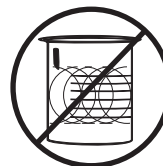
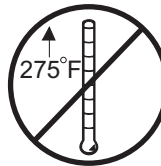
## CAUTION FOR ALL STERILIZATION:

- ◆ Do not exceed 133° C or 275° F.
- ◆ Do not submerge in any solutions.
- ◆ Do not use ultrasonic cleaners.

## WARNING

- **DO NOT** attempt to disassemble the motor or motor connector.
- **DO NOT** oil or lubricate the motor.
- **DO NOT** attach a handpiece to the motor while the motor is running.
- **DO NOT** bend motor cord sharply.

Failure to comply with any of the above instructions may void your warranty



## TROUBLESHOOTING:

<i>Problem</i>	<i>Correction</i>
Power indicator does not light when turned on.	Check console to power connection.
Power indicator lights when turned on, but handpiece does not turn.	<p>Check motor plug connection.</p> <p>Check foot switch connection.</p> <p>Depress foot switch.</p> <p>Increase RPM.</p> <p>Check that a bur is properly seated in the handpiece and the collet is closed.</p> <p>Turn power switch off, wait 5 seconds, then turn back on to reset.</p>

## SYMBOL DEFINITIONS:



Type B  
Equipment



Type BF  
Equipment



Dangerous  
Voltage



Attention - Consult  
ACCOMPANYING  
DOCUMENTS



Advena Ltd.  
Pure Offices, Plato Close  
Warwick CV34 6WE UK

# WARRANTY

Aseptico warrants this product against defects in material or workmanship for a period of two (2) years, from date of original invoice. Handpieces are warranted for 90 days under the same conditions. Expendable components such as light bulbs, are covered by shorter warranty periods, or are not warranted. 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.

Aseptico makes no warranty other than that stated above, express or implied.



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P/N: 420274  
Rev: C  
ECO 13452  
09/2014