



Universal Micro Motor System

INSTRUCTION MANUAL

Controller

Handpiece

Variable speed foot pedal

CAUTION:

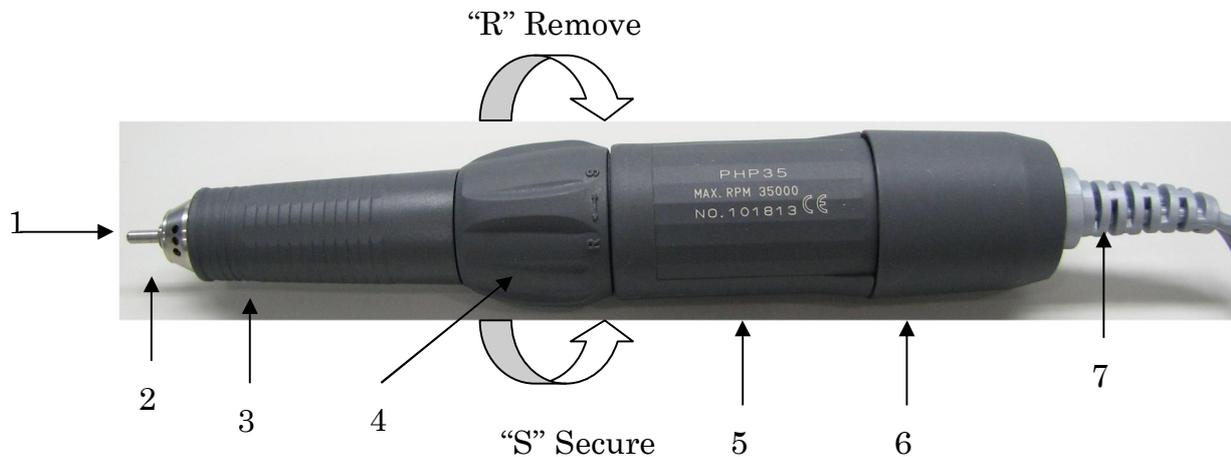
Please check the back panel of Controller and make sure that the Voltage selector is at the position match for your location, 110V or 220V.

At the first time of your operation of the micro motor system, please rotate the handpiece about 30 minutes at a half rpm of its Max. without a load, so that the handpiece can be rotate smoother.

Handpiece

The handpiece comes with 3.0mm Collet Chuck mounted (can be changed to 3/32" or 1/8" upon request), and a Blank Bar is in it. Even when the handpiece is not in operation, always leave a tool bar or Blank Bar in the Collet Chuck and make the Set Ring at "S" position to protect it, or the Collet Chuck becomes distorted.

1, Blank Bar 2, Collet Chuck 3, Top Cover 4, Set Ring 5, Motor Case 6, Motor Cap
7, Motor Cord



To Change Tools

To remove tool, turn Set Ring fully toward "R" direction as shown above. To secure tool, turn Set Ring fully toward "S" direction. Never remove a tool while motor is rotating. Never operate while Set Ring is in "R" position.

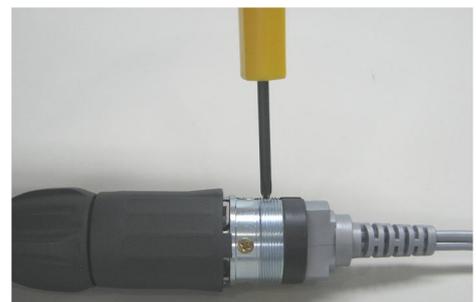
To Change Collet Chuck

- 1, Turn Set Ring fully toward "R" direction.
- 2, Unscrew the Top Cover to remove it from bottom of the handpiece.
- 3, Place the Chuck Wrench and Chuck Joint Wrench on the Collet Chuck as shown.
- 4, Use Chuck Wrench to turn Collet Chuck counterclockwise to loosen and remove.
- 5, Insert new Collet Chuck and screw in firmly using the Collet Wrench and Chuck Joint Wrench.



To Change Carbon Brushes

Unscrew Motor Cap and replace the Carbon Brushes.



Controller

Front Panel

Main Power Switch & Power Indicator Light

Overload Indicator
This illuminate and beep mean the motor overloading. Turn Main Power Switch for reset.

Direct / Remote Switch
Set to "HAND" when controlling speed with Speed Control Dial on face panel. Set to "FOOT" when Using the Foot Pedal.



Speed Control Dial

Handpiece Receptacle

Forward / Reverse Switch

This switch changes the rotation direction of Handpiece

Special function of Foot control:

Any level of the maximum rotation speed can be obtained from 0 to maximum 35,000 rpm by adjusting the position of the speed control dial for your foot control. Set a position of speed control dial for a desired maximum RPM and the maximum RPM desired can be obtained when you press the foot control to the end.

Back Panel



Power Cord

Variable Speed Pedal Receptacle

Voltage Selector Switch

Precaution

- *Always check the Voltage Selector Switch being in the proper position in your area.
- *Use motor system in a place where temperature is from 0 degree to 40 Celsius and no dew condensation. Also make sure that there is no flammable material, no flammable solution and no flammable gas in the presence.
- * All bearings are permanently lubricated. Do not lubricate as this may cause damage.
- * While operating the handpiece, always use protective eyeglasses.
- * Do not try to rotate the handpiece without mounting tool.
- *Do not try to rotate the handpiece when the Set Ring is in "R" position.
- * Ensure the controller is off when replacing the fuse.
- * Always unplug the power cord after completion of operation.
- *Any faults should be reported to your supplier. Do not attempt to repair the motor system, as this will make the warranty null and void.
- * Do not damage Power Cord and Motor Cord. It may cause electrical leakage, electrical shock or fire. When pulling out Power Cord and Motor Cord, always hold the plug, not cord.
- * Take every care not to drop motor system. If dropped, check to be sure that there is no unusual noise and no smell during operation. Be sure that the shank of tool has not been bent.
- * Do not use rusty tools, and be sure that tools should not be bent. The use of such rusty or bent tools cause the damage on the Collet Chucks and ball bearings.

EU DECLARATION OF CONFORMITY

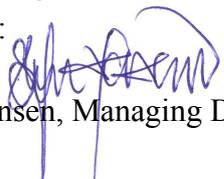
Application of council directive:
93/42/EEC Annex II (for medical devices)

Type of equipment: Dental micromotor handpiece and controller
Model name: PP35SET

Manufacture's name: Mouldpro ApS
Manufacturer's address: Baltorpbakken 10 2750 Ballerup Denmark

Date: January 1, 2014

Signature:


Stefan Hansen, Managing Director

Distributor's name in the EU:

Distributor's address in the EU