ACROTORQUE II
HAND ENGINE SYSTEM

The most versatile hand engine system available today for professional, medical and cosmetic work.

User Manual
and
Instruction Guide

ROBBINS INSTRUMENTS
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WARNING

Before operating the equipment read all instructions, including the Instruction Manual, carefully as failure to follow safety instructions may result in serious injury.

1. Always wear suitable clothing and protective hair covering when operating the equipment. Do not wear loose clothing or jewelry as they may become caught in moving parts.

2. Always wear safety glasses when operating the equipment. To avoid inhaling dust, wear a face or dust mask.

3. Do not use the equipment in wet or damp areas and do not expose the equipment to rain as this could cause an electric shock.

4. Operate the equipment where there is plenty of light and space.

5. Make sure power cords are kept well out of the way to avoid tripping over them. Also unplug the unit when not being used.

6. Keep children away from where equipment is being used.

7. Insure that the controller has the correct voltage by checking the plate on the back of the control unit.

8. If you notice anything irregular while using the unit, immediately stop using the equipment.

9. Always insure the tool is secure in the chuck before operating. When operating the unit, always increase the speed of the handpiece gradually.

10. While the handpiece is operating, keep hands away from all rotating parts.

11. Do not operate the Handpiece while the set ring is in the R position. Also do not move the set ring while the handpiece is operating.

12. Do not drop the handpiece. If the handpiece is dropped, remove the tool and place a test bur in the chuck. Operate the handpiece at low revolutions and gradually increase the speed. If there are any abnormal sounds, unplug the handpiece and get the handpiece repaired by an authorized service agent.

13. Do not use the handpiece in areas where gas, petrol, paint, thinners or adhesives are present. The handpiece creates sparks when operating which could cause fire or explosion.

14. The equipment should be serviced regularly by an authorized service agent to insure that the unit operates at optimum performance.

15. Always use the correct tools; never use tools with a shaft diameter that differs from that of the chuck.

16. Never cover the vent slots on the control unit or handpiece. Doing so may cause the units to overheat.

17. Read the instruction manual before operating. Keep the instruction manual in a convenient place.
Location and use of control box buttons and switches.

**LOCATION**

1. Handpiece plug power port.
2. Variable Speed control knob.
3. Foot Switch plug power port (on back).
4. On/Off switch (lighted, green).
5. Motor Direction selector switch.
6. Foot Switch or Speed Control Knob selector switch.

**USE:**

1. This port is used to power the handpiece you are using.
2. This knob controls the power in revolutions per minute to the handpiece either directly or by the foot switch.
3. This port located on the back of the control box is used to connect either the on/off foot switch or the variable speed foot switch.
4. This switch turns the control box on and off. When the switch is in the on position, a green LED lamp will glow within the switch.
5. This switch controls the direction of the chuck rotation.
6. This switch lets you choose between manual control or foot switch operation.

**Mounting the Handpiece**

(make sure that the threaded plug is removed from the tip of the motor shaft before inserting it into a handpiece)

1. Choose the handpiece you wish to use.
2. Holding the handpiece in one hand and the motor in the other, insert the motor shaft into the opening at the bottom of the handpiece.
3. Press the shaft in firmly to completely seat the handpiece to the motor.
4. You are now ready to use the handpiece.

**Removing the Handpiece**

1. Hold the motor firmly in one hand.
2. Grasp the handpiece firmly with the other hand.
3. In one smooth motion, pull the handpiece off the motor shaft and place in its storage box.
4. You are now ready to mount a different handpiece.