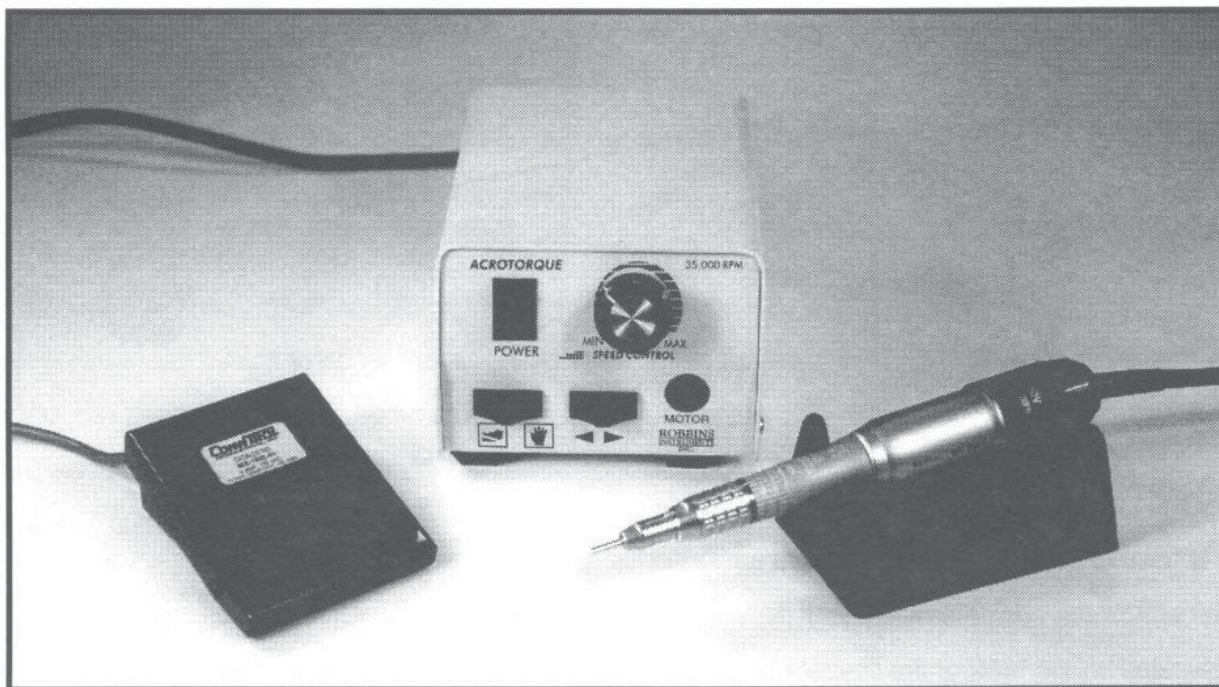


ACROTORQUE II HAND ENGINE SYSTEM

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



User Manual and Instruction Guide

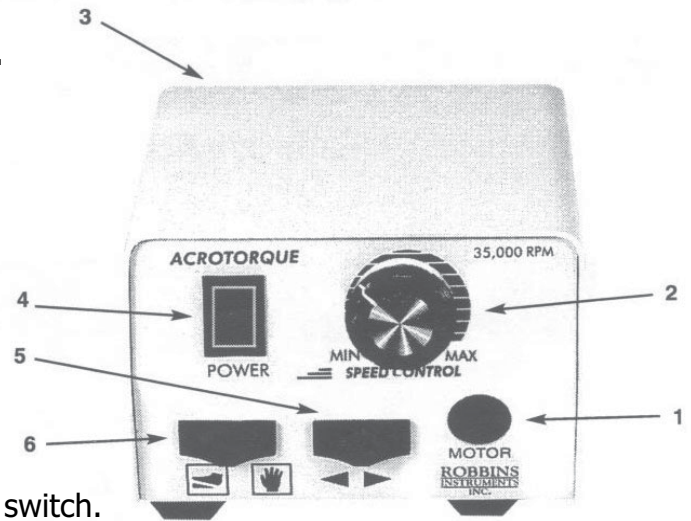


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LOCATION AND USE OF CONTROL BOX BUTTONS & SWITCHES

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 footswitch 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.

Mounting a Dermabrator Fraise or Brush:

1. Hold the motor and handpiece assembly firmly in one hand.
2. Turn the shaft chuck 1/4 turn counter clockwise until it stops.
3. Insert the shaft of the fraise or brush completely into the shaft chuck until it stops.
4. Turn the shaft chuck clockwise until it stops.
5. Lightly pull on the fraise or brush to confirm that it is locked in position.

Operating the Acrotorgue II:

(make sure that any handpiece you are using is locked firmly in place before operating the unit.)

1. Make sure the handpiece is ready for use.
2. Make sure the power button is off.
3. Plug the handpiece power cord into the port in the front of the control box.
4. Make sure the speed adjustment knob is set to zero.
5. Choose the rotation direction for the fraise or brush.
6. Choose manual speed control or foot switch (if foot switch is chosen, be sure it is connected).
7. Press the green power switch to on (a green light will glow within the switch).
8. Activate the handpiece with the speed adjustment knob or foot switch.
9. Adjust the speed of the handpiece with the speed control knob or foot switch to the desired setting.
10. The instrument is now ready for use.

Cleaning the Handpiece and Motor:

The Handpiece

1. Make sure the handpiece is removed from the motor.
2. Remove any attachments such as fraise or brushes.
3. Place the handpiece in the autoclave and clean as usual (you may also clean the attachments at the same time).

The Motor and Cord (autoclavable models)

1. Screw the cap screw cover into the tip of the motor shaft to prevent moisture from damaging the motor assembly.
2. Place the motor and cord into the autoclave and clean.

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.