



Variable Speed Control Model 2-A

WARNING

TO BE USED **ONLY** WITH CAMERON MICRO DRILL PRESSES. FOR YOUR OWN SAFETY, READ YOUR OWNER'S MANUAL BEFORE OPERATING. REMEMBER TO WEAR EYE PROTECTION WHEN IN USE.

Grounding Instructions

The Cameron Variable Speed Control is equipped with an electric cord having an equipment-grounding conductor with a grounding plug. The plug provided is a Standard USA 3-prong grounded plug. Adapter plugs for International outlets can be used with it. Repair or replace damaged or worn cords immediately.

Operating Instructions

Insert the plug of the Cameron Micro Drill Press into the Cameron Variable Speed Control. To activate the Control, simply PUSH on the SWITCH located on the face of the control. The indicator light will be illuminated when the Control is on. Next, simply dial in the correct speed. The Cameron Variable Speed Control is designed to handle loads up to 5 AMP when controlling the Motor. If this load is exceeded, the 5 AMP fuse located at the front of the unit will blow, breaking the circuit. This will be evident by the indicator light going out. To restore operation to the Control, push the switch to the "OFF" position, and then unplug the Speed Control from the receptacle. Remove the old fuse and replace it with a 5 AMP (AGC-5) fuse, which is available at most hardware or automotive stores. NEVER EXCEED A 5 AMP FUSE IN THIS CONTROL UNIT.

CAUTION: A separate Slide Switch is provided to select proper input voltage to the Control. It is accessed through the front panel, and when moved to the appropriate voltage requirement, will allow the selection of either 240 V.AC or 120 V.AC input to the Control. With the front panel Control knob in its #1 Position, the Cameron Micro Drill Press will run at very low speed when the unit is turned on. The indicator light will alert the user that power is being supplied to the drill press. The drill press SHOULD NOT BE LEFT UNATTENDED WHEN CONNECTED TO THE SPEED CONTROL AT THE LOWEST SPEED SETTING. IT IS RECOMMENDED THAT THE CAMERON VARIABLE SPEED CONTROL BE IN THE "OFF" POSITION WHEN NOT IN USE.

VSC Tuning Procedure

The Cameron Variable Speed Control model 2A has been revised to allow the VSC to be tuned to any 120V/DC 2amp electric motor.

1. Plug the power cord of the motor into the outlet of the VSC. Plug the VSC into the wall outlet.
2. Remove the hole plug which resides on the lower long edge of the plastic enclosure directly beneath the Cameron business address silk screened on the front panel.
3. Turn on the motor.
4. Turn on the VSC and turn up the speed adjustment potentiometer (located on the front panel) until the motor begins to run. Turn the speed adjustment potentiometer back down slowly until the motor stops rotating. **Note: for the full range of speed availability, the motor should stop rotating when the indicator line on the speed adjustment potentiometer knob is between '0' and '1' on the front panel.**
5. Insert a small standard (flat head) screw driver into the hole exposed by the removal of the small hole plug and turn the VSC tuning potentiometer located inside.
6. Repeat steps 4 & 5 until the motor stops rotating when the indicator line on the speed adjustment knob is between the '0' and '1' on the front panel.