

Operation Manual

Instruction Notes for 3622559

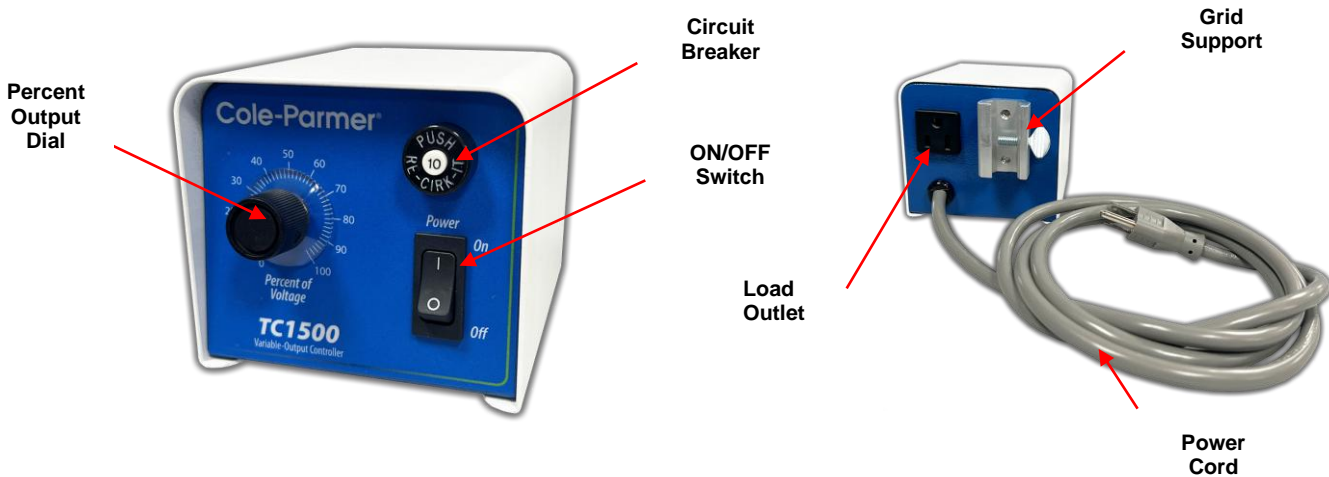


Figure 1

Figure 2

General Description

This control is small in size and can be used to regulate the input voltage of resistive devices by turning the dial knob. Just plug your resistive load into the receptacle on the back, turn on the switch and adjust the dial. The higher the number on the dial, the hotter your load will get. This unit comes with a 6' attached power cord and grid support bracket, which is ideal for fume hood mounting to maximize bench space.

Control Features

1. On/Off switch.
2. 10-amp output.
3. Non-Linear control (scale is for reference only)
4. Circuit protection
5. Low profile housing.

How to Setup and Operate

First connect the heater load (10 amps or less) to the load receptacle on the rear panel. Next plug the control line cord into the appropriate 3-wire grounded power receptacle.

Toggle the power switch to the "ON" position to apply power to the controller. Turn the control knob to the desired setting. As the knob setting is increased, voltage to the load increases. Full line voltage is applied at a dial setting of 100 percent. Settings below 100 percent are not linear. Verify voltage prior to operation.

Manual power controls require experimentation to achieve the desired control setting for a particular application. The PowrTrol offers precise repeatability once the desired setting has been determined for that application.

Cole-Parmer® essentials

Specifications

Operator Interface

- Control knob (5-100% line voltage)
- On/Off switch
- 3-wire load receptacle

Output

- 10 amp, 120V, Circuit protected (3622559)
- Output range: adjustable from 5 to 100% of rated voltage.

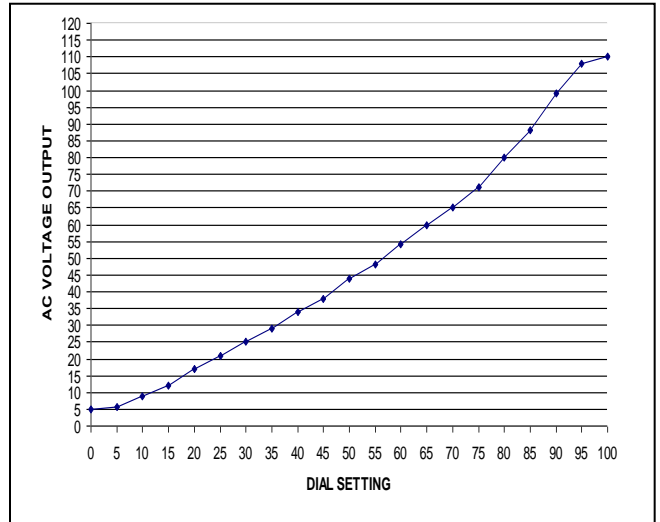
Note: Output can be verified only under load with voltage meter.

Input Voltage

120V, 50/60 Hz

Operating Environment

0 to 149 °F / -18 to 65 °C; 0 to 90% RH, non-condensing



Maintenance

Simple preventative maintenance steps include keeping the controller clean. Protect it from overload, excessive dirt, oil and corrosion.

Warranty

Cole-Parmer, for itself does hereby offer a warranty for products from the date of receipt by the user, under normal and proper usage, against defects in workmanship and materials for 12 months, and will repair or replace any defective part(s) without charge when same is shipped Prepaid to Cole-Parmer from which the product was originally purchased.

Should the nature of any defect require that the product, or any constituent portion thereof, be returned to Cole-Parmer, Vernon Hill, Illinois, prepaid for service, a condition precedent to any return shall be the procurement of authorization from Cole-Parmer assigning a **Return Goods Number** to the product or part requiring service.

Parts and accessories manufactured by others are warranted only to the extent of the regular warranty of the manufacturer or supplier of such materials and only insofar as Cole-Parmer is able to transfer the benefits of warranty coverage, if any, to the user. Any adequately warranted defective part or accessory manufactured or supplied by others may be exchanged through Cole-Parmer for a replacement part is shipped prepaid and received at Cole-Parmer within 30 days from the date any replacement part is obtained by the user.

This warranty supersedes and is given in lieu of all implied warranties, and is void if the user causes damages from improper usage of product under normal operating conditions.

12 MONTHS LIMITED WARRANTY ON ALL PARTS AND LABOR IS GIVEN BY COLE-PARMER.

CATALOG NUMBER 3622559

SERIAL NUMBER _____

DATE OF PURCHASE _____

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