

Watlow Controller Quick Operation Guide

RED DISPLAY

This display will normally indicate the current temperature in the chamber. It will also indicate the value of the parameters displayed in the GREEN display.

DISPLAY KEY

This key will cause the GREEN display to step thru displaying the set-point, the deviation from set-point, the % of output power, and whether the temperature is displayed in °C or in °F.

MODE KEY

The 1st press of this key will enter the SYS menu.

Use up arrow key to step to PID menu or PROG menu. See Watlow manual to set PROG values and steps.



UP and DOWN ARROWS

These keys are normally used to change the set-point of the controller. When pressed simultaneously for approx. 3 seconds, you will enter the setup mode. Please see the WATLOW MANUAL.

L1 thru L4 DISPLAY

- L1** - Indicates that the heaters are on.
- L2** - Indicates that the cooling system is on.
- L3** - Not used on this assembly.
- L4** - Indicates that data is flowing over the RS-232 port.

GREEN DISPLAY

This display will normally indicate the current set-point. It will also indicate other functions depending on the use of the DISP key and the MODE key. Values of these other functions are displayed in the RED display.

RUN / HOLD KEY

Pressing this key once will allow you to select which of the 4 Ramp and Soak profiles to run. The RUN Led will flash at this time. Pressing the key again will start the selected profile. The RUN Led will be on steady while a profile is running. If a profile is running, pressing this key will stop execution of that profile and the RUN Led will be off.