

Herzan Temperature Stability User's Guide

The Basics

- ◆ The enclosure is heated from the base plate. There is a PID loop that maintains the temperature at the thermocouple to 31 °C, within +/- 0.2 °C.
- ◆ The thermocouple is located at the top of the enclosure (see Figure 1). If a different location is needed, please contact Herzan for instructions.
- ◆ There is a shut-off switch which stops the heater when the door is open. As long as the door is open, the heater will not be operating.
- ◆ Before beginning sensitive measurements, close and latch the enclosure door and make sure cable clamp is attached tightly.
- ◆ The temperature stability feature is designed to run continuously without creating a hazard. However, it is recommended to turn the feature off when not in use as a best practice.

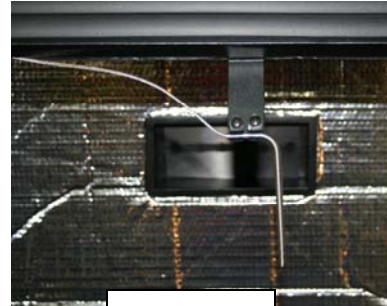


Figure 1

Start-up

1. Follow Enclosure User's Guide for positioning enclosure and installing instrumentation.
2. The temperature controller is located on the right front of the enclosure (see Figure 2). Plug the controller in to an outlet. The controller uses 115 VAC.
3. Turn the power switch on the front of the controller to the 'on' position.
4. The default set point for the temperature is 31 °C. You can adjust this using the arrow buttons on the controller (see Figure 3). The temperature setting can range from 31 to 33 °C. It is not recommended to operate at over 33 °C.



Figure 2

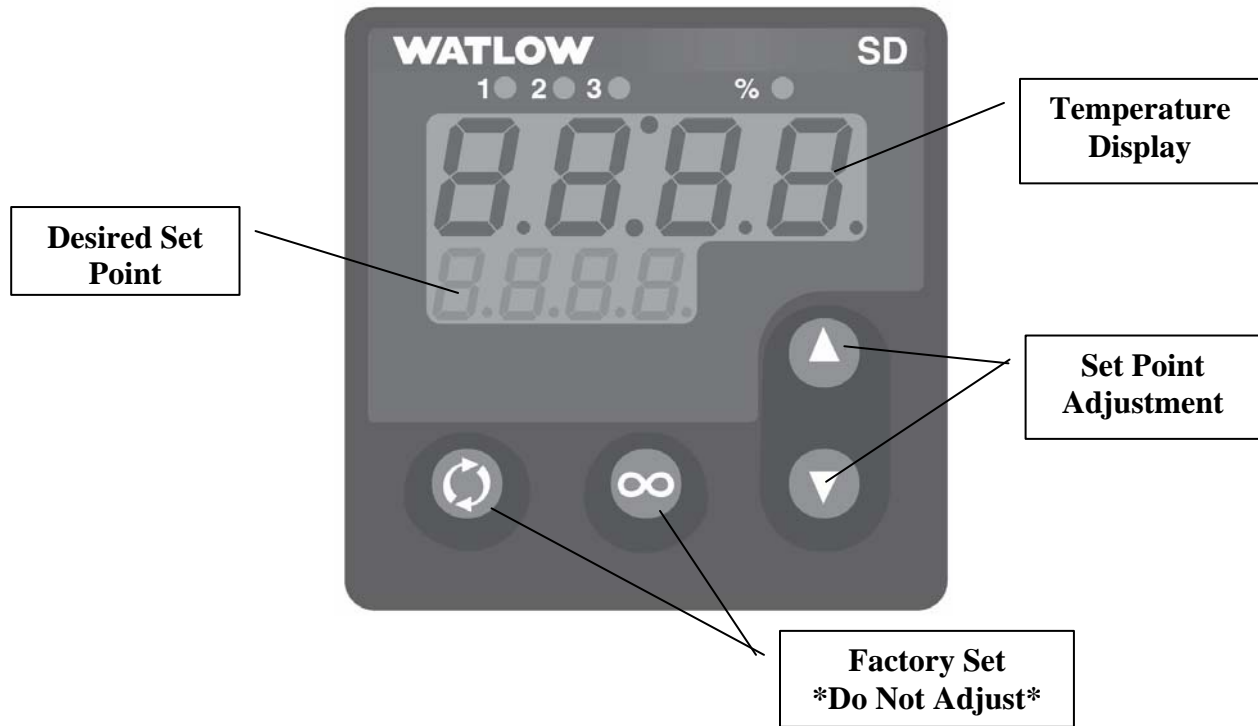


23151 Alcalde Drive, Suite B-3
Laguna Hills, CA 92653
TEL: (949) 363-2905
FAX: (949) 340-9751

5. Allow 30 to 45 minutes for the enclosure to reach full temperature stability upon start-up. Allow 10 to 15 minutes for the enclosure to return to full temperature stability upon opening and closing the door.

Controller Display

Figure 3



Feedback

Herzan welcomes your feedback! Please let us know what we can do to improve our products. You can reach us at feedback@herzan.com or (949) 363-2905. We look forward to hearing from you!

Please contact Herzan with any questions, support@herzan.com or 949-363-2905.



23151 Alcalde Drive, Suite B-3
Laguna Hills, CA 92653
TEL: (949) 363-2905
FAX: (949) 340-9751