## **Bench Top Laboratory Controllers**

### Model 2025 : Multi-Segment Ramp/Soak With Backup Limit Controller



**Process Features** 

- Dual Display
- Full PID Autotune at 75% of setpoint.
- Ramp/Soak Any combination of up to 31 programs or 126 segments
- Easily programmable from the front panel or from CALgrafix<sup>™</sup>
- Holdback function
- 3 power fail options
- Inputs Accepts 9 thermocouple types
- 2 or 3 wire RTD
- Volts DC or 4 20 mAdc
- Outputs (Voltage/Current/Logic/Relay)
- 3 output actions Any combination for heat, cool, and alarm/events.
- Output current coil LED indicator standard
- Optional GFI output receptacle
- RS-485 wiring terminal is standard
- RS-485 operation requires 2 optional comms cards



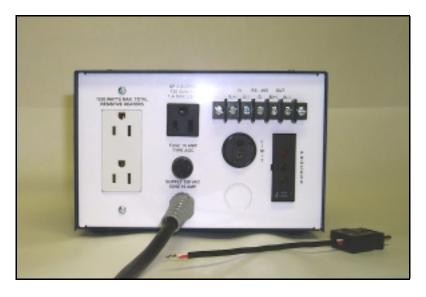
### **Limit Features**

- Latching safety temperature limit controller.
- Power output relay latches off on either high limit or line voltage loss (push button for restart)
- Displays FLASH "Inpt Fail" for sensor failure or "-AI-" for overtemp setpoint conditions
- Alarm trip indicator light
- 1200 watt solid state SCR output Zero voltage switching

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# TIP Technical Industrial Products, Inc.

## **Bench Top Laboratory Controllers**



### **Specifications:**

Operating limit controller Cal 3300, Process Controller Cal 9500p standard *(optional lower cost process controllers available)*.

- Case: Steel, polyester powder coated
- Size: 5" H X 8" W X 8" deep
- Weight: ~7 pounds
- Line Supply: 120Vac, 50-60hz
- Line Cord: 7.5 feet grounded three wire heavy duty
- Fused: Type AGC 10 amp main/ 1 amp alarm/event setpoint3
- Load Rated: 1200 Watts resistive
- Power Switch: Rocker
- Start/Reset Switch: Momentary Push
- Sensor Input: Specify Accepts 9 thermocouple types 2 or 3 wire RTD Volts DC or 4 – 20 mAdc
- Communications: optional plug-in cards for RS485
- Custom configurations available

Price: \$995.00. Consult TIP Inc. for quantity and custom pricing. Delivery: Stock to 1 week.



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