

## Advanced Digital Temperature Controller

Combines exceptional precision and performance with highly intuitive, feature-rich operation.



### Features:

- $\pm 0.01^{\circ}\text{C}$  temperature stability
- $200^{\circ}\text{C}$  maximum temperature
- Intuitive 3.75" (9.5 cm) display with touch-pad control
- 4 languages: French, German, Spanish, English
- Variable-speed pressure/suction pump
- Swivel 180<sup>TM</sup> Rotating Controller
- User-adjustable high and low temperature limits and alarms
- On-screen prompts
- Automatic performance optimization and specific heat tuning
- On-board connectivity: USB-A & B, RS232/485, Ethernet and external temperature probe
- Single-point calibration
- Safety Class III (DIN 12876-1)
- External temperature control capability



## Optimized

The Advanced Digital Temperature Controller displays and controls both temperatures from -40° to +200°C with 0.01°C precision and stability. Plus, you can further optimize performance through a variety of control settings including pump speed, specific heat value, calibration offset, and internal or external temperature control. You can even set the temperature at which the refrigeration engages.

## Communicative

Bi-directional RS232, RS485, and Ethernet communications provide fast and versatile remote control and data logging. USB-A and USB-B enable you to log data directly to a flash drive or computer.

## Friendly

On-screen prompts and 4 languages (English, Spanish, French, and German) take the guesswork out of setup and operation. Adjusting the temperature set-point, pump speed, or other operating settings is simple, straightforward and intuitive. In addition, the Advanced Digital Temperature Controller features a message bar that assists in making changes and provides alerts and safety information.

## Class III Safety

Rated for use with Class III flammable liquids (per DIN 12876-1), the Advanced Digital Temperature Controller delivers exceptional safety for a wide variety of laboratory applications. Standard safety features include redundant over-temperature and low-liquid level protection, user-settable over-temperature safety and high and low temperature limits.