

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°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 180TM 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.