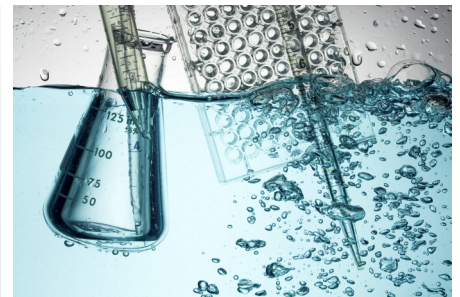




- Precision Digital PID Control
- Audible Over Temperature Alarm
- Independent Safety Cutout
- Large Dual Line Digital Display
- 10A Power Output
- Second Preset Temperature Switch

Precision Temperature Control For External Devices

The DTC8000 temperature controller provides precision temperature control of standalone heating devices providing simple manual and temperature preset control. Ideal for controlling heating blocks, heating mantles or devices lacking built-in temperature control where temperature accuracy and external electronics away from corrosive elements is required.



SPECIFICATIONS

DTC8000	
Temperature Control	Advanced digital PID with fuzzy logic
Digital Display Type	Dual-line active bright LED
Information Display	<ul style="list-style-type: none"> • Current & set temp displayed concurrently • Over & under temp alarm set-point <ul style="list-style-type: none"> • Heating indicator • 0.1° resolution • Single preset temperature
Temperature Control Range	-30°C to 400.0°C, (actual range dependent on capabilities of external device being controlled)
Control Stability	+/- 0.02°C (dependent on capabilities of external device being controlled and sensor accuracy)
Heating Power	Maximum 2,300 Watts load
Alarm	<ul style="list-style-type: none"> • Audible & visual over-temp with cut-out • Visual under-temp indicator
Safety features	<ul style="list-style-type: none"> • Over-temp cut-out • Over-current protection
Power input	240 VAC / 50-60 Hz
Overall dimensions	W125 x D190 x H175mm
Nett weight	2 kg

The large bright dual-line LED display is easily visible from any angle and makes it easy to monitor your system from anywhere in the lab. The DTC8000 features over and under temperature alarms with audible over-temp siren and independent cutout.

Capable of powering devices up to 2.3 kW, the DTC8000 is suited to controlling large heating blocks, baths and heating mantles where high powered heating elements are used.

Constructed from powder coated stainless steel, the sturdy enclosure is corrosion resistant and features a splash proof polycarbonate keypad.

RELATED PRODUCTS

Product Code	Description
DTC8500	Advanced digital ramp/soak controller for external devices