

HEATER CIRCULATORS

(AMBIENT +5°C TO +100°C)



Image: TU3



THERMOLINE DIGITAL HEATER CIRCULATORS

Water Heater Circulator with Precision Digital Temperature Control

- Australian Made
- Designed to fit Thermoline's circulated water baths
- Industrial grade platinum temperature sensor
- Air cooled long life circulation motor
- Stainless steel high wattage heating element
- High control accuracy of $\pm 0.2^{\circ}\text{C}$ with digital models
- 256 segment, ramp and dwell programmable controller available

Note: Cooling is required when working close to or below ambient.

All models suit Thermoline baths as standard, but where required, an optional mounting bracket (code TUSB) is available for non standard applications.

PRODUCT DETAILS

These precision heater circulators have been designed to suit all Thermoline general purpose laboratory water baths.

These models feature precision microprocessor temperature control with temperature stability of $\pm 0.2^{\circ}\text{C}$.

An optional Multi Set Point (MSP) controller is available. This allows the operator to be able to set a temperature and after a determined period of time, the control can then ramp to another temperature automatically. The control is capable of 256 separate ramp/dwell segments.



Right Image: TWBC-24 with TU3

Safety Devices



- Over temperature manual reset safety thermostat (MRST)
- Over current protection
- Error display feedback on all digital models

Optional Accessories



- Optional TUSB mounting bracket for all models (see right).
- Note: This bracket will suit a bath with a max 25mm wall.

Model	TU3	TU3-2000W
Temperature Range	Ambient +5°C to +100°C	
Temperature Stability	$\pm 0.2^{\circ}\text{C}$	
Thermometer	No	
Controller	Digital	
Ramp/Dwell Programmer	N/A	
Display Accuracy	0.1°C	
MRST Safety Thermostat	Yes	
Pump Out Facility	N/A	
Min. Water Level Below Bath Top (mm)	85	
Min. Bath Depth Below Bath Top (mm)	140	
Heater Capacity (W)	1000	2000
Electrical (W)	1020	2020
Weight (kg)	4	

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.

Head Office Phone (02) 9604 3911

Head Office Fax (02) 9725 1706

Email hello@thermoline.com.au

Web www.thermoline.com.au





Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.