

# Routine Laboratory Thermoregulators

## Baths and Thermoregulators

### Technical Specification

Specifications to DIN 12876	TE-10A	TE-10D
Temperature range*	-20°C to +95°C	-40°C to +120°C
Temperature selection	Analogue	Digital
Temperature stability using water @ 40°C	±0.01°C	±0.01°C
Method of control	Proportional	PID
Temperature sensor	Thermistor	PRT
Adjustable over-temperature cut-out	Yes	Yes
Low liquid level cut-out	Yes	Yes

### Heating/Pumping

Pump capacity litres/minute	10	10
Pump capacity (mbar)	145	145
Nominal heater power at 120V (W)	1000	1000
Nominal heater power at 240V (W)	1000	1000
Extension below base, mm	145	145
Dimensions (L x W x H), mm	237 x 124 x 260	237 x 124 x 260
Shipping Weight, kg	3.7	3.9

\* Refrigeration or cooling coil required for below ambient cooling  
(see Techne Flow and Dip Coolers and the cooling coil).

### Ordering Information

Description	Product codes		
	230V	120V	100V
TE-10A, analogue thermoregulator, -20°C to 95°C, (supplied with clamp)	FTE10ADC	FTE10APC	FTE10AYC
TE-10D, digital thermoregulator, -40°C to 120°C, (supplied with clamp)	FTE10DDC	FTE10DPC	FTE10DYC

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The Techne® Tempette clip-on thermoregulators are designed for use in combination with the Techne® unheated water baths or any other suitable laboratory vessels. They will heat, circulate and safely control the temperature of the liquid in the bath within precise limits suitable for routine laboratory applications.

### TE-10A Tempette

- Temperature range of -20°C\* to 95°C
- Excellent temperature stability:  $\pm 0.01^\circ\text{C}$  at 40°C
- Simple to use analogue control
- Suitable for most routine laboratory applications
- User adjustable over-temperature cut-out for unbeatable safety



TE-10A

### TE-10D Tempette

- Temperature range of -40°C\* to 120°C
- Excellent temperature stability:  $\pm 0.01^\circ\text{C}$  at 40°C
- 4 digit setting with a bright LED digital temperature display
- Suitable for most routine laboratory applications
- User adjustable over-temperature cut-out
- Low liquid level cut-out as standard



TE-10D