

# TC120 Heated Circulating Bath



## Specifications:

Stability @70°C	0.05±°C
Uniformity @70°C	0.1±°C
Setting resolution:	0.1°C
Display:	4 digit LED
Timer function:	1 - 99 hrs. 59 mins.
No. of temp presets:	3
Re-calibration points:	2
Socket for external probe:	-
Communications interface:	-
Programmable:	-
Relays:	-
Safety - over temp:	Adjustable cut-out
Fluid level - float:	Yes
Language options:	-
Alarms (can be configured to switch a relay):	High (no relay)
Heater power - 230V:	1290W
Heater power - 120V:	1440W
Electrical power - 230V:	1400 (50-60Hz)
Electrical power - 120V:	1500 (50-60Hz)
Height above tank rim:	20mm
Depth below tank rim:	135mm
Maximum pressure (water):	210mbar
Maximum flow (water):	16L/min
Pump connector 6mm bore:	Fits 9mm inner diameter tubing
Pump connector 9mm bore:	Fits 15mm inner diameter tubing

The TC120 series of digital heating circulating baths for general applications requiring precision temperature control in the range of -15°C to 120°C. The TC120 heating circulator can be used in combination with any stainless steel or plastic tank or with a T-Clamp for independent use of virtually any vertical sided tank.

## Features:

- Cooling/heating range -15°C to 120°C
- Stability ±0.05°C / Uniformity ±0.1°C
- Tank options 5L to 38L
- Simple, intuitive user interface: dial and two function buttons
- 3 programmable temperature presets
- Clear, bright 4 digit LED display
- Low level protection and adjustable over temperature cut out
- Countdown timer with audible alarm

## Applications:

- Clinical, Microbiology and Pathology labs - media tempering, thawing and incubating samples
- University research - temperature control of spectrophotometers and refractometers and jacketed vessels
- Industrial labs - temperature probe calibration, water analysis, QC testing product, petrochemical testing, material testing, milk sample testing

Cat. No.	Description
ES89596-P-05L	Heated Circulating Bath, 5L plastic tank & TC120 immersion thermostat, ambient +15°C to 99°C
ES89596-P-12L	Heated Circulating Bath, 12L plastic tank & TC120 immersion thermostat, ambient +5°C to 99°C
ES89596-P-18L	Heated Circulating Bath, 18L plastic tank & TC120 immersion thermostat, ambient +5°C to 99°C
ES89596-SS-05L	Heated Circulating Bath, 5L stainless steel tank & TC120 immersion thermostat, +15°C to 120°C
ES89596-SS-12L	Heated Circulating Bath, 12L stainless steel tank & TC120 immersion thermostat, 0°C to 120°C
ES89596-SS-18L	Heated Circulating Bath, 18L stainless steel tank & TC120 immersion thermostat, 0°C to 120°C
ES89596-SS-26L	Heated Circulating Bath, 26L stainless steel tank & TC120 immersion thermostat, -15°C to 120°C
ES89596-SS-38L	Heated Circulating Bath, 38L stainless steel tank & TC120 immersion thermostat, -15°C to 120°C