



Low Temperature Baths

3.2 Tamson Cooling Circulators - TLC Line TLC10

The TLC10-3 has been developed to be used as general purpose circulator and it can be used in various applications where cooling is needed. Experiments, refractometers, rotary-evaporators, distillation units, water baths, viscosity baths, flash point tester all are applications for which the TLC10-3 can be used.

Main Characteristics

The apparatus holds a small bath containing 3.5 litres and the filling opening measures 40 x 120 mm. Due to its special design the system is extremely quiet, compact and saves costly laboratory space. Readout is in degrees °C or in °F. The bath comes standard with RS232 communication and when using the free software tool Tamcom, it provides temperature logging or a predefined temperature set point curve. A pump provides circulation in the bath or via an external circuit. The pump offers seven litres per minute with a maximum counter pressure of 300 mBar.



TLC10-3

Range	-10..60°C* / 14..140°F
Reading	Standard °C, °F on request
Used materials inside bath	Stainless steel 304
Setting ±	0.01°C
Stability ±	Better than 0.05 K
Heating	1100 W
Bath volume	3.5 L
Opening bath	40 x 120 mm
Depth bath	150 mm
Pump (mBar)	Max pressure 300
Pump (L/min)	Max flow 7
Dimension LxWxH	360 x 228 x 552 mm
Weight	18 kg
Heat removal	See § 3.1

* On request the TLC10-3 can have a working range from -10..120°C

▶ TLC10-3 **REF** 00T0050 (230V/50Hz) • **REF** 00T0051 (230V/60Hz) • **REF** 00T0052 (115V/60Hz)

▶ **For options and spare parts, please see section `TC15-5 • TC30-5`**

Manuals see
www.tamson.com