

Liquid Calibration Baths

Baths and Thermoregulators

The Techne® liquid calibration bath (LCB) series offer compact, accurate and reliable liquid baths which can be used for external circulation or temperature calibration of thermal sensors.

- -35°C to 250°C
- Three different capacities available; 5, 7 or 12 litres
- Temperature stability; $\pm 0.005^\circ\text{C}$ depending on choice of control unit
- Fully insulated bath for excellent heat retention
- Analogue or digital temperature selection, depending on choice of control unit
- Includes cover, lid and bridging plate



When temperature calibration is required the compact liquid baths offer excellent stability over the entire temperature range. The LCBs can be also be used for external circulation to maintain temperatures of samples in viscometers, photometers, refractometers, fermenters and other reaction vessels.

All models of LCB offer high pump performance and exceptional thermal stability from -35°C to 250°C . The baths are fully insulated on all sides and base and are fitted with a cooling coil for connection to a cold water supply for use at temperatures around ambient. The minimum temperature achievable is -35°C when a Dip or Flow Cooler is added to the system.*

Each bath is supplied complete with lid, drain tap, carry handles, a cooling coil (with bung) and hole to position a certified sensor. The TechneWorks software package is available for the TU-20 thermoregulators free of charge from www.techne.com.

Technical Specification

	5 litre	7 litre	12 litre
Dimensions (L x W x H), mm	351 x 260 x 183	351 x 260 x 233	351 x 260 x 358
Bath opening, mm	140 x 140	140 x 140	140 x 140
Working depth, mm	125	175	300
Shipping Weight, kg	5	6	9

* At an ambient of 20°C , using a mixture of 40% water, 40% antifreeze and 20% ethanol

* LCB baths fitted with a TU-20HT thermoregulator are not suitable for use with a Flow Cooler.

Ordering Information

Description	Product codes
LCB insulated liquid calibration bath with cooling coil, 5 litre capacity	FBCAL05D
LCB insulated liquid calibration bath with cooling coil, 7 litre capacity	FBCAL07D
LCB insulated liquid calibration bath with cooling coil, 12 litre capacity	FBCAL12D