

# CONSTANT TEMPERATURE LIQUID BATH

## CTB - 50

The Constant Temperature Liquid Bath (CTB) generates stable temperatures in the Liquid Tank and accurately measures the temperature of the Liquid displayed on the controller. This calibrator uses PID Temperature Thyristor controller, providing high performance temperature stability and accuracy. The CTB can be measured either with the internal probe displayed in the controller or with an external certified reference probe that can be placed on the Adjustable Stand and a measuring meter. The CTB is used to test or calibrate the thermocouples, RTDs, Temperature gauges, Temperature Transmitters, etc.



## SPECIFICATIONS

Range	- 5 to 50°C	-40 to 50°C	-80 to 50°C
Resolution	0.1°C	0.1°C	0.1°C
Accuracy	±0.5°C	±0.5°C	±0.5°C
Stability	±0.3°C	±0.3°C	±0.3°C
Stabilization Time	10 minutes	20 minutes	30 minutes

### Dimensions:

Liquid Tank Inner	Usable Area - 170 (L) x 170 (B) x 260mm (D) Total Area - 260 (L) x 200 (B) x 260mm (D)*
Overall Instrument	365 (L) x 305 (B) x 725mm (H)
Power Supply	230 V AC ± 5 V
Display	Seven Segment LED

\*Total area may vary for -80 to 50°C

### Standard Delivery:

1. Instrument	1 no.
2. Ethylene Glycol	1 Can of 10 ltrs.*
3. User Manual	1 no.
4. Calibration Certificate	Traceable to National / International Standards

\*IPA to be used for -80 to 50°C



## R&D Instrument Services

NABL Accredited Calibration Laboratory  
(Specialist in Calibration Instruments)

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