

MINI-ULTRA BATH

Portable Temperature Calibration System



Standard Features

- **Temperature Ranges Available:**
-20 °C To 130 °C & 50 °C To 200 °C
- RS-232 Interface With Software
- Sealable Lid For Transport
- High Strength Anodized Aluminum Tank
- Sensor Holding System
- Thermally Protected Stirring System
- 12-Month Warranty



Mini-Ultra Bath

Portable Temperature Calibrator



MUB-20130 & MUB-50200

EDL brings accurate stirred liquid bath calibrations to field service and the laboratory bench-top with the introduction of this new product line. Mini Ultra Baths are high precision portable calibration source instruments that simply outclass even the best dry wells at affordable prices.

At a fraction of the cost of large floor model style baths, accuracies and uniformities better than 20 mK are achieved with this compact temperature calibration unit. Mini Ultra Baths are ideal for lab and field calibration of thermocouples, SPRTs, thermistors, and liquid in-glass thermometers. Our bath offers a wide operating range at a competitive cost, and there is no question that liquid baths will reduce fit and immersion error. With a uniquely designed deep well, this unit is perfect for most immersion style sensors.

The EDL Mini-Ultra Bath is supplied with sensor support bushings that allow fast and simple immersion of standard size sensors. A specially designed double O-ring lid seals the unit for storage and transport, so the media can remain in the tank even during transportation.

The MUB-20130 is designed for the temperature range of -20 °C to 130 °C (includes 121 °C, a key sterilization temperature). The MUB-50200 covers 50 °C to 200 °C. Both units include an RS-232 interface for use with the supplied I-Tools software. Full function programming, monitoring and graphing from your laptop or PC is available using this open architecture system software. As an option, a travel case designed to hold the Mini Ultra Bath, reference sensor, and reference instrument is available.



Your Electronic Development Labs, Inc. distributor is:

Standard Features

- Calibration Report Included
- RS-232 Interface With Software
- Sealable Lid For Transport
- High Strength Anodized Aluminum Tank
- Sensor Holding System
- Digital Communications Via MODBUS Addressable
- Protection For RTD Inputs
- Thermally Protected Stirring System
- High Stability
- Technical Support - Repairs & Calibrations Done In-House
- 12-Month Warranty

Specifications

Part #	MUB-20130	MUB-50200
Exterior Dimensions	31 cm x 25 cm x 36 cm (12" x 10" x 14")	31 cm x 25 cm x 36 cm (12" x 10" x 14")
Tank Dimensions	6 cm Square (2.5")	6 cm Square (2.5")
Inside Tank Depth	15 cm Deep (6.0")	15 cm Deep (6.0")
Opening	6 cm Round (2.5")	6 cm Round (2.5")
Weight	10 kg (22.36 lbs.)	10 kg (22.36 lbs.)
Power	110VAC	110VAC
Capacity	<1 Qt.	<1 Qt.
Stability & Uniformity	-20 °C ~20 mK	80.0 °C ~20.0 mK
Resolution	10 mK	10 mK
Temperature Range	-20 °C to 130 °C	50 °C to 200 °C



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