

EDL's Mini-Ultra Bath (MUB) allows for easy calibration of temperature sensors regardless of type, size, or shape. With a compact footprint, it's small enough for placement on a laboratory benchtop or may be used on a cart for easy movement. The Mini-Ultra Bath (MUB) weighs less than 70lbs. and is extremely versatile. Boasting an immersion depth of 33cm (13"), the MUB is ideal for calibrating virtually any immersion style sensor. Engineered to provide a stable environment for testing thermocouples, SPRTS, PRTS, RTDs, thermistors, and even liquid in-glass thermometers, this high precision calibration source is an ideal alternative to dry-wells and larger floor model baths. It offers a wide operating temperature range of -20 °C up to 130 °C (including the key sterilization temperature of 121 °C), all in a small package and at a competitive cost.

The MUB will reduce your fit and immersion errors and offers the most accurate comparison calibrations available. It has unrivaled stability and uniformity, and offers an accuracy of better than 10mK across the full temperature range. With its' substantial fluid depth, the MUB will give your lab the flexibility to perform calibrations on a variety of equipment. It is easily transported, and a double O-ring lid seals the unit completely, ensuring the silicone oil does not spill from the tank. The Mini-Ultra Bath (MUB) utilizes an advanced controller, and comes with RS-232 and iTools. The supplied software allows for full function programming, monitoring, and graphing from your computer.

The bath is easy to use and in addition to shipping filled with oil and pre-programmed, the Mini-Ultra Bath (MUB) also ships with a support pole, sensor holder and sensor clip (which allows fast and simple immersion of standard size sensors). Additional sensor holders may be purchased. Additionally, the RS-232 interface and iTools software is included with your purchase. The Mini-Ultra Bath may be purchased as a Reference System including the Mini-Ultra Bath (MUB), calibrated reference sensor, calibrated extender lead, and reference pyrometer. Available in either 120VAC or 240VAC, EDL will accommodate a cord configuration to match your home country's power requirement. All calibrators are made in the USA and are thoroughly tested for stability and uniformity before shipping. A NIST traceable calibration report is included with your purchase.

- **Independent RTD Reference Sensor with Added Protection for Inputs - Easily Removed for Recalibration**
 - **High Stability & Uniformity**
 - **Sealable Lid for Easy Transport**
 - **Anodized Aluminum Tank**
 - **Advanced, Thermally Protected Stirring System**
 - **Built-In Sensor Holding System**
- **DB-9/RS-232 Interface with iTools Software Included**
- **NIST Traceable Calibration Certificate**

MINI-ULTRA BATH SPECIFICATIONS	
Model #	MUB-20130
Stirred Liquid	Silicone Oil
Sensor Control Input	RTD
Temperature Range	-20 °C to 130 °C
Dimensions	36.83cm (14.5") D x 31.75cm (12.5") W x 46.99cm (18.5") T
Weight	30kg (66lbs.) (Including oil)
Wetted Parts	304 Stainless Steel 7.62cm (3") Dia. OD x 1 3/4" Deep Insertion Entrance
Fluid Depth	33.02cm (13") / 4.9 Liters Fluid Depth
Power Relay	250VAC - 25Amp
Resolution	0.1 °C
Stability & Uniformity	-20 °C ± 10mK 130 °C ± 10mK
Interface	DB-9 / RS-232 Interface and iTools
Power	120VAC, 15amp, 50/60Hz *Available in 240VAC





Need something more specific? We've got your solution.

If our massive stock of off-the-shelf products still doesn't have exactly what you need, then we'll build it for you. That's why we're the world leader in temperature sensor technology: for the past seventy-six years, we've never stopped pushing the boundaries of what's possible. Call us today and let's get started.

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