

ULTRA BATH

Temperature Calibration Unit



Standard Features

- Three Temperature Ranges Available:
Low Temp Range From -40°C To 100°C ,
Mid Temp Range From 50°C To 200°C ,
High Temp Range From 200°C To 550°C
- RS-232 Interface With Software
- Independent High Safety System
- Eliminates Messy Sands Baths
- Salt Or Silicone Oil
- Software Control Of Bath Including Ramp & Soak



ULTRA BATH

Temperature Calibration Unit



UB-4010, UB-1020, UB-2050

If you have industrial temperature sensors such as RTD's, thermocouples, thermistors, bi-metal thermometers or liquid in-glass thermometers requiring exactness, you need a reliable temperature calibrator to guarantee accuracy. EDL is proud to announce the introduction of a new line of stirred liquid baths that are well constructed, stable, and easy to use. The Ultra Bath is packed with features that facilitate quick, accurate, and uncomplicated calibrations.

The EDL Ultra Bath line offers three models designed for high temperature work up to 550 °C. Most labs use the UBs as salt baths for calibration of thermocouples, RTDs and SPRTs. Even comparison calibrations of SPRTs can be achieved with the Ultra Bath line. All of these baths are stable to ± 0.005 °C at 400 °C. They come with a built in cart and RS-232 interface with software for remote control. These baths are compatible with salt for higher temperatures and oils for lower temperatures.

The **UB-4010** has a temperature range of -40 °C to 100 °C and is ideal for thermocouples and RTDs. With a large well opening, 5.5" x 10.5", multiple sensors can be calibrated at once. This unit is 18" deep and uses 11 gallons of fluid.

The **UB-1020** has a temperature range of 100 °C to 200 °C and its 18" deep tank and 5.5" x 10.5" well opening allow for easy access. This unit uses 11 gallons of fluid and multiple sensors can be calibrated at once.

The **UB-2050** reaches a maximum temperature of 550 °C and is more stable than alternative calibration devices. With a temperature range of 200 °C to 550 °C, it is ideal for thermocouples and RTDs. Multiple sensors can be calibrated at once. This unit is 18" deep and uses 11 gallons of fluid. Optional pumped system of 9 gallons for liquid in-glass thermometers.

Standard Features

- RS-232 Interface With Software
- Eliminates Messy Sand Baths
- Technical Support - Repairs & Calibrations Done In-House
- Low, Mid, Or High Temperature Option
- Software Control Of Bath Including Ramp & Soak
- Independent High Safety System
- For Use With Salt Or Silicone Oil
- 12-Month Warranty

Options

- Pumped System - May Be Used With Liquid In-Glass Thermometers

Specifications

Stirred Liquid Salt/Silicone Oil Baths			
Part #	UB-4010 Low	UB-1020 Mid	UB-2050 High
Temperature Range	-40 °C to 100 °C	100 °C to 200 °C	200 °C to 550 °C
Resolution	1 mK		
Stability & Uniformity	80 °C - 5 mK	150 °C - 5 mK	550 °C - 30 mK
Stability & Uniformity	-30 °C - 5 mK		220 °C - 10 mK
Exterior Dimensions	53 cm x 69 cm x 112 cm (21" x 27" x 44")		
Tank Dimensions	22 cm x 28 cm (8.5" x 11")		
Inside Tank Depth	46 cm (18")		
Opening	14 cm x 27 cm (5.5" x 10.5")		
Capacity	42 Liters (11 gal.)		
Power	220 VAC or 110 VAC		
All Wetted Parts	304 S.S.		

Your Electronic Development Labs, Inc. distributor is:



The Temperature People® Since 1943

Electronic Development Labs, Inc.

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