

# Mini Salt Bath

Temperature Calibration Unit



## Standard Features

- Temperature Ranges: 50 °C To 200 °C & 200 °C To 500 °C
- RS-232 interface & interactive touch screen
- Stability & Uniformity Of 200 °C=10 mK, 500 °C=20 mK
- For Use With Silicone Oil Or Salt Solution
- Independent High Temp Shutdown
- Can Be Shipped Via UPS Or Fed Ex
- Built-In Sensor Holders
- 12-Month Warranty



# MINI SALT BATH

Temperature Calibration Unit



## MSB-200D & MSB-500D

EDL introduces the Mini Salt Bath, a cost effective and innovative solution to high temperature stirred liquid baths. The MSB-200D & MSB-500D is a clear alternative to large floor model salt baths requiring great volumes of expensive salt. With a 15" square foot print, and weighing less than 50 lbs, this bath is well suited for bench top laboratory use and field portability.

EDL's MSB-500D has an impressive start up time; from a solid to 220 °C takes approximately 60 minutes (plus 30 minutes for stabilization). Heating rates are fast because only approximately 18 lbs of salt is necessary. With this easy to use calibration bath, heating rates greater than 3.5 °C per minute allow the user to calibrate numerous points throughout the day; less than 60 minutes from 220 °C to 420 °C.

A 13" deep tank (12.5" fluid) provides sufficient depth for the use and calibration of SPRTs and a wide variety of industrial thermometers. The tank is large enough to accommodate a high temperature equalization block which improves stability and uniformity. This bath has a new and improved 2.1" distance from the top ring to the fluid. All baths are tested for stability and uniformity before shipment. Shipping the unit is cost effective; it can be sent via Fed-Ex or UPS.



**NEW!**  
Interactive  
Touch Screen



## Standard Features

- For Use With Salt Or Silicone Oil
- Improved Stirring System
- Stainless Steel Housing For Added Protection
- Built-In Sensor Holders
- Heated Drain
- Can Be Shipped Via UPS Or Fed Ex
- Independent High Temperature Shutdown
- Holds 18 lbs Of Salt
- RS-232 Interface & Interactive Touch Screen Control
- Technical Support - Repairs & Calibrations Done In-House
- 12-Month Warranty

## Specifications

Part #	MSB-200D	MSB-500D
<b>Tank Dimensions</b>	10cm x 15cm x 33cm Deep (4"x6"x13")	10cm x 15cm x 33cm Deep (4"x6"x13")
<b>Tank Opening</b>	8 cm Dia. (3")	8 cm Dia. (3")
<b>Overall Size</b>	32cm x 37cm x 45cm (12.5" x 14.5" x 17.5")	32cm x 37cm x 45cm (12.5" x 14.5" x 17.5")
<b>Stability &amp; Uniformity</b>	50 °C=10 mK 200 °C=20 mK	200 °C=10 mK 500 °C=20 mK
<b>Set Point Accuracy</b>	±0.2 °C	±0.2 °C
<b>Temperature Range</b>	50 °C – 200 °C	200 °C – 500 °C
<b>Power</b>	110/120 VAC 10 Amp 50/60 Hz	110/120 VAC 10 Amp 50/60 Hz
<b>Interface</b>	RS232 & Touch Screen	RS232 & Touch Screen
<b>Stirred Liquid</b>	Silicone Oil	Salt Solution

Your Electronic Development Labs, Inc. distributor is:



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