

**techniCAL****techniCAL Systems 2002 Inc.**

436 Jacqueline Blvd., Hamilton, ON L9B 2R3 CANADA

Editor Contact: Mark Reid

Tel: 905.575.1941 Toll Free: 866.327.8731

Fax: 905-575-0386

[www.technical-sys.com](http://www.technical-sys.com)*For immediate release*

## EDL introduces **NEW** Innovative MSB-500 Mini Salt Bath

EDL announces the release of the innovative MSB-500 Mini Salt Bath, which provides an affordable, safe, and effective alternative to the traditional larger floor style baths. Remarkable 10 mK stabilities and uniformity is achieved using less than 14 lbs of salt! A fluid immersion depth of over 9" makes this unit suitable for comparison calibrations of SPRTs and thermocouples from 180 °C to 500 °C – all on the bench top. The unit, fully loaded, weighs in at only 50 lbs. EDL's Mini Salt Bath is completely user friendly; with an intuitive touch screen, easy bath control is guaranteed.

Start up from a solid takes less than 2 hours – accomplished without any special procedures or additional heaters. An optional equalization block further enhances the stability of this unit making it the obvious choice for the majority of calibrations above 190 °C. As with all EDL product accessories, the equalization block is easy to use - it drops effortlessly into the neck and it is fully self-aligning. The Mini Baths feature an independent low and high cutout, so they can be used with absolute confidence. These independent lockout circuits are based on a proprietary EDL microprocessor circuit, which ensures the safety of these baths. This independent safety feature is not offered on competitor's baths, this design was put in place because of the high temperature of the bath and the safety issues such high temperatures present. Additional safety features were built into the baths design such as the stirring motor being protected with an additional independent lock out so it is prevented from engaging before the salt has reached its melting point. The stirring system on the MSB-500 is designed to produce a turbulent flow without cavitation. A heavy stainless steel grating protects the dual stirring blades.

The easy to use touch screen interface is pre-programmed with most standard calibration points for simple one-touch settings. All pertinent information regarding the operation of the bath is easily viewed from the touch screen interface, making the bath even more user friendly and easy to control. In addition, the built in RS-232 communication allows you to control and adjust the bath from your computer. The exterior surface of the MSB-500 is stainless steel, so clean up is fast and easy. EDL's Mini Salt Baths come standard with two mounting bars on the top of the bath – designed specifically so that setting up a handy sensor holding system is simple. In addition, these units were designed with a bail handle that is fully adjustable; making it easy to transport and carry. This feature also allows for easy removal when it is time for measurements.

Contact techniCAL at [www.technical-sys.com](http://www.technical-sys.com) or call 1-86-MEASURE-1 (1-866-327-8731)

END

*Picture file available upon request:***NAME:** EDL MSB-500 Mini salt bath • **TYPE:** JPEG • **SIZE:** 0.597MB