



Model Number	STS-COOL
Block Size	7.62cm (3") Aluminum Testing Block
Temperature Range	-34 °C to 38 °C (-30 °F to 100 °F)
Size	30.48cm (12") x 25.40cm (10") x 34.56cm (14")
Weight	8.16 kg (18 lbs.)
Stability	0.05 °C (over 30-minute period)
Resolution	0.1 °C
Accuracy	Better than ± 2.0 °C
Uniformity	Better than ± 0.5 °C
Heat Up	4° / minute
Cool Down	3° / minute
Computer Interface	RS-232 Interface and iTools
Power	120VAC, 10amp, 50/60Hz *for 240VAC, add -2 to base part number (Ex: STS-COOL-2)

The long-time trusted reliability of EDL's Surface Transfer Standard (STS) Calibrators / Verification Stations is now available for all of your low temperature surface sensor calibration needs. The STS-COOL accommodates surface calibrations from temperatures as low as -34 °C all the way up to 38 °C (-30 °F up to 100 °F) - in one unit.

Originally developed for the Navy, the STS-COOL is easy to use and dependable. The thermoelectrically cooled STS-COOL reaches its set operating temperature quickly, allowing you to test at multiple (low) points throughout the day - without expensive cooling media. The STS-COOL calibrator utilizes a high-quality controller that allows the set point to be set with a resolution of 0.1° - and may be controlled from any PC that is equipped with iTools; this software is included with your purchase. Demonstration videos showing the ease of working in iTools are available.

The 7.62cm (3") Aluminum testing block, is large enough to accommodate a variety of surface sensors. This uniform testing surface ensures you have the absolute best (and consistent) possible conditions for calibrating/verifying your sensors. The entire unit weighs under 20 lbs., and was designed with the user in mind.

With an accuracy of better than ± 2.0 °C, the STS-COOL calibrator allows you to virtually test and verify any surface probe, thermistor, RTD, or thermocouple - regardless of its' size. Stability is within 0.05 °C, and the large 3" test area allows for repeatable and accurate measurements. This unit is available in both 120VAC and 240VAC versions.

The STS line of calibrators was developed as a more accurate and uniform means of checking surface sensors - a legitimate tool to replace the often-incorrect "hot plates" so commonly used in the field. The STS-COOL allows you to accomplish laboratory grade verifications in a small and completely portable package - for use in the lab or on the floor. These easy to use and maintain calibrators allow you to achieve the best results possible - ensuring your quality and efficiency.

