

Featuring SolderStar
smartlink*
connection System

Reflow Profiling



Reflow Verification



Wave Soldering



Selective Soldering



Flexible Zero Setup, Multi-memory profiler

The new Solderstar SLX is an accurate, robust, ultra-compact, battery powered datalogger used for measuring and recording process parameters from any soldering process.

Requiring minimal user setup the SLX unit can be docked onto any SMARTLink reflow heatshield or other process accessory and the system will auto-configure itself for data capture.

The logger, sensor and memory status are displayed conveniently for the user via status indicators and a multi-bar graph display.

The new unit features many improvements and real performance, with USB download speeds 10 times faster than previous models, 2.4Ghz telemetry options along with increased measurement range all while still maintaining +/- 0.5 C accuracy.

The SLX can be ready to profile from as little as a **ten minute** charge from your PC, and has an impressive 15 hours profiling time from a two hour USB charge. The new internal high temperature battery system is user replaceable and can be changed if required in seconds.

New Features

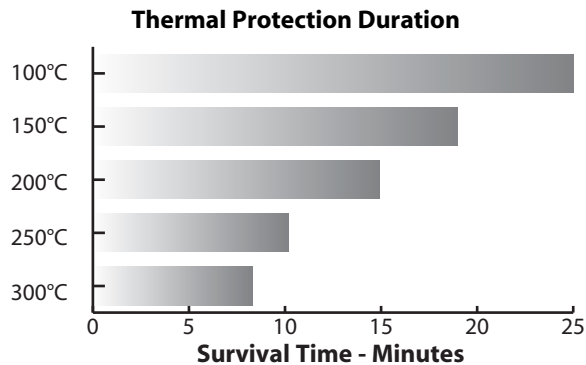
- Zero user setup for error free data capture
- Ultrafast USB downloading + 2.4Ghz Wireless Telemetry option
- User replaceable high temperature battery
- Multiple memories for profile storage
- Automatic thermocouple and temperature status checking
- +/- 0.5°C accuracy from -200 to 1372 °C

Datalogger

Size/Weight	126mm x 52mm x 9.5mm, 118g
Channels	12 - Type K
Temperature Memory	12 Memories, each with 25000 data points per measurement channel
Measurement Rate	0.05s to 60 seconds
Measurement Range	-200 to 1372°C (-328 to 2502 °F)
Measurement Accuracy	±0.5 °C (0.9°F)
Measurement Resolution	±0.05 °C (0.09°F)
Max. Internal Temperature	+85 °C (Auto Shutdown on over temp.)
Power	User replaceable, High Temperature Nimh
Communications	USB or optional 2.4Ghz Wireless
Thermocouples	Type K, EN 05842:1993, Class 1 / ANSI MC 96.1

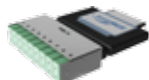
Reflow Heatshields

Material	Stainless Steel
Size (LxWxH)	6/9 Channel Version: 310mm x 80mm x 25mm 12 Channel Version: 310mm x 104mm x 25mm



Other heatshield sizes are available for special process requirements.

Thermocouple Adapters available in 6,9 or 12 Channel versions



Wireless Telemetry Option

Frequency	2.4GHZ Transceiver
Channels	128 Individual Channels
Protocol	Zigbee PRO - Duplex Transmission



Software

Compatibility	Windows™ XP Vista/Windows 7/8/10/11 32 & 64 Bit
Language Support	English, French, German, Italian, Portuguese, Russian, Spanish & Chinese

For demonstration software visit www.solderstar.com

Standard Equipment

- Solderstar SLX datalogger
- Thermocouple Adapter
- 25mm Lead Free capable heatshield
- Type K thermocouples
- PC Analysis software
- Hard copy manual + 1 Year calibration certificate
- Equipment case

Optional Reflow Equipment

- AUTOSseeker Profiler Optimisation software
- 2.4Ghz Wireless Telemetry
- Deltaprobe Oven Verification fixture
- Adjustable Reflow Carrier

Additional Process Support

A range of process specific accessories are available to extend the system for use with Reflow, Wave/Selective Soldering and Vapour Phase processes.

Rev 1.1 Specification subject to change without notification

For more information contact your regional Solderstar office



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