



Low Cost Lead-Free Profiling

Easy Profile Analysis

Simple Profile Checking

Providing high performance profiling on a limited budget, the SolderStar Lite package is designed for use in less demanding applications, such as lower volume production lines or profiling of simpler PCBs. It's the ideal solution to the needs of smaller manufacturers faced with the challenge of lead-free processing or as an entry level or second system.

The SolderStar Lite package offers the ideal blend of measurement accuracy, thermal performance and ease of use required from a modern temperature profiling system, to ensure that the correct settings are established and maintained.

Featuring SolderStar's industry-leading and high reliability 4 channel Neptune datalogger, PC analysis software and field proven lead-free performance, this system provides temperature profile novices and experts alike with rapid analysis and ongoing guidance information.

System Advantages

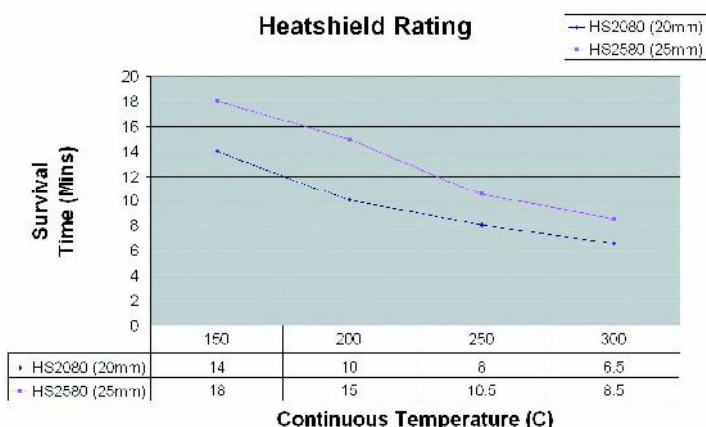
- Ideal for smaller ovens or simpler PCB assemblies
- Full lead-free protection and performance
- IPC-7530 compliant measurement on up to 4 Type K channels
- Professional software tools for rapid profile set-up and test reporting
- Ultra compact datalogger and heatshield
- High quality, professional and robust

Battery recharge and data download via high speed USB

Datalogger

Technical Data

Size / Weight	203mm x 50mm x 9mm, 150g
Channels	4 Type K (Thermocouple test feature)
Memory	65,500 points
Sampling	0.1s – 10 minutes, user selectable
Measurement Range	-150°C to 500°C
Accuracy	+/- 1°C
Resolution	0.02°C measured internally
Max Int. Operating Temp	+85°C (Auto stop on over temperature)
Power	Rechargeable high temperature NiMH
Communication	USB (Standard A to MINI-B)
Thermocouples	4 x Type K, Special limits of error. EN 05842:1993 Class I / ANSI MC 96.1



Heatshield

Supplied Model	HS2080
Size / Weight	290mm x 80mm x 20mm, 500g
Material	Polished Stainless Steel

Software

Compatibility	Windows™ 95/98/ME/NT4/2000 or XP
Language Support	English, French, German, Italian, Korean, Portuguese, Spanish, Simplified & Traditional Chinese

For further information and to book a free demo visit www.solderstar.com

Application Areas

- Reflow Soldering
- Glue Cure
- Batch Vapour Phase

Standard Equipment

- 4 Channel datalogger
- 20mm Thermal Barrier
- Type K thermocouples
- USB Communication / Charge Cable
- Hard copy manual + 1 Year calibration certificate
- Profile Central PC Analysis software
- Equipment Case

Optional Equipment

- Profile Seeker Simulation Software
- Adjustable Reflow Carrier

Specification subject to change without notification

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