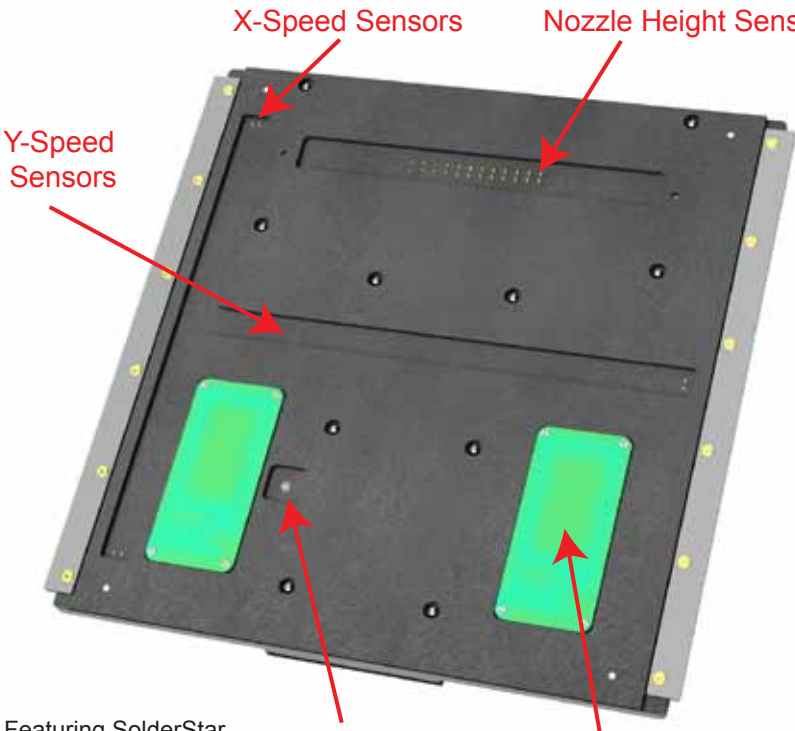


SolderStar - Wave Selective



System Features

- High quality 10mm fixture provides a robust platform for initial process set up, periodic checking and comparison
- Titanium contact sensors give highest measurement accuracy Solder Nozzle performance
- Fully enclosed and protected measurement system ideal for hotter lead-free processes
- Connectivity via standard USB cables or 2.4Ghz Wireless Telemetry
- Dedicated Wave Central PC analysis software with integrated SPC charting package

Featuring SolderStar **smartlink** connection System

Solder Temperature Probe Pre-heat profiles

Precise measurement and control for Mini-Wave Selective Soldering machines

The SolderStar Wave Selective provides detailed analysis of all key parameters from the selective soldering process. Pre-heat temperature profiles, solder pot and solder nozzle measurement sensors are combined in one easy to use measurement fixture, this unique tool allows manufacturers to quickly perform setup and verification profiles of their selective soldering machines



SELECTIVE PROCESS CHECKER CHARTS FOR RAPID GOOD/BAD ANALYSIS

PROFILE GRAPH AND DATA MANAGEMENT TOOLS

Parameters Measured

Solder Nozzle / PCB Contact Time
Solder Nozzle Wave Height / Immersion Depth
X Speed
Y Speed
Solder Pot Temperature
Peak PCB Topside Temperature
Heating Rates

Technical Data

Construction	CDM Anti Static 10mm
Size/Weight	310 x300 x 30mm (max) 1kg
Dwell Contacts	4 measured by on-pallet system All contacts 100 times per second +/- 0.01 seconds
Nozzle Height Array	12 contacts (0.2 - 2.4mm)
Temperature	Type K 2 x PCB top side (left and Right) 1 x Solder Pot TYPE K 2 x User PCB/Auxiliary TYPE K
Temp Accuracy	+/- 1°C
Temp Resolution	0.02°C (0.1°C displayed on graph)

Wireless Telemetry Option

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



Software

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

For further information and demonstration software visit www.solderstar.com

Standard Equipment

- 310mm x 300mm Pallet
- PC Software on CDROM
- Equipment Case

This product can be supplied as a stand-alone system complete with datalogger, or as an accessory to an existing SolderStar system. Please contact SolderStar or your local supplier for the optimum configuration for your soldering processes.

Customisation

Custom size pallets are available to special order where specific sizes are required to meet the needs of your production lines.

Optional Equipment

- 2.4Ghz Wireless Telemetry

Additional Process Support



REFLOW • WAVE • VAPOUR

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

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Specification subject to change without notification