Part No. AC-WSSEL

Available with:

5 CHANNELS

USES TELEMETRY
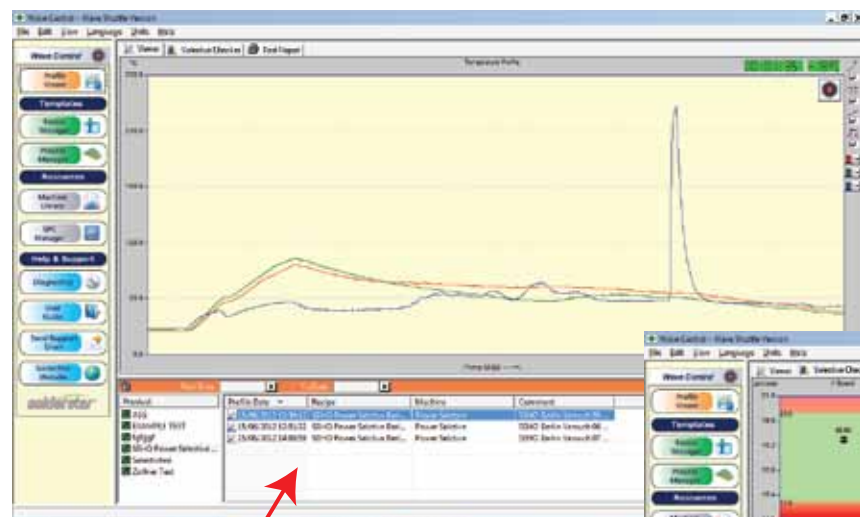
smartlink* CONNECTION SYSTEM

System Features

- High quality 10mm fixture provides a fixed robust platform for initial process set up, periodic checking and comparison

- Titanium contact sensors give highest measurement accuracy on Wave Height and main and chip wave parameters

- Fully enclosed and protected datalogger and contact 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 product database and integrated SPC charting package

Precise measurement and control for Selective Soldering machines

Designed to work in conjunction with an existing SolderStar Pro temperature profiling package, the SolderStar WaveSelective provides detailed analysis of all key parameters of the selective soldering process. Pre-heat temperature profiles, solder pot and solder nozzle measurement sensors are combined in one easy to use wave solder fixture, this unique tool allows manufacturers a quickly perform setup and vefication profiles of their selective soldering machines

PROFILE GRAPH AND DATA MANAGEMENT TOOLS

SELECTIVE PROCESS CHECKER CHARTS FOR RAPID GOOD/BAD ANALYSIS

Captures all key parameters in one pass through the selective soldering machine

Part No. AC-WSPRO

Parameters Measured

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

Technical Data

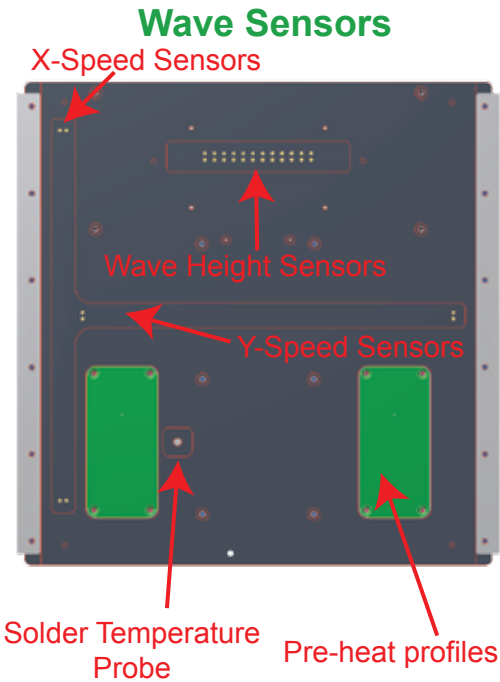|	
Construction	CDM Anti Static 10mm
Size/Weight	300 x300 x 30mm (max) 1kg
Dwell Contacts	8 measured by on-pallet system
Contact sampling	All contacts 100 times per second
Timing accuracy	+/- 0.01 seconds
Wave Height Array	0.2 - 2.4mm
Temperature	5 channels measured by Neptune SL
	2 x PCB top side L&R TYPE K
	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 32 & 64 Bit
Language Support	English, French, German, Italian, Korean, Portuguese, Spanish, Simplified & Traditional Chinese

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

Wave Sensors

X-Speed Sensors

Wave Height Sensors

Y-Speed Sensors

Solder Temperature Probe

Pre-heat profiles

Standard Equipment

• 300mm x 300mm Pallet
• PC Software on CDROM
• Equipment Case

Optional Equipment

• 2.4Ghz Wireless Telemetry

Custom width pallets are available to special order to meet any exact requirement of your production lines.