



WaveShuttle Plus - Low Cost Wave Solder Analysis

Designed to work in conjunction with an existing SolderStar Plus temperature profiling system, the SolderStarWaveShuttle Plus is a low cost solution addressing the needs of manufacturers who have occasional wave soldering requirements. By simply connecting the existing heatshield and datalogger to the fixture, SolderStar Plus users can quickly and easily extend process control and monitoring to their wave soldering applications.

The WaveShuttle Plus accessory can be used to assist with initial wave solder machine and process set-up, plus the system provides the perfect platform for ongoing process and machine performance comparisons, which can then be effectively controlled via preventative maintenance.

Consisting of a simple fixture fitted with specially designed high speed sensors, the system allows users to take full advantage of the advanced wave solder analysis tools present in the Profile Central software, including the unique graphical Wave Process Checker and integrated product database.

System Advantages

- Ideal low cost solution for manufacturers whose main business is SMT but with limited wave soldering activity
- Provides an off the shelf fixed and robust solution removing the need for in-house test jig construction, development and maintenance
- Allows full use of advanced wave solder analysis features included within Profile Central PC software including the unique graphical Wave Process Checker and integrated product database
- Perfect for machine and process set-up, plus ongoing process and machine performance comparisons which can then be effectively controlled via preventative maintenance



Parameters Measured

- Dwell time
- Conveyor speed
- Parallelism
- Solder temperature
- Topside temperature (via 2 spare channels & test PCB)

Technical Data

Construction	CDM Anti Static 6mm
Size/Weight	210mm x 300mm x 40mm (max) 500g
Sensors	4 x Fast response Type K thermocouples

Standard Equipment

- Waveshuttle PLUS Pallet
- Wave Solder Analysis software tools
- Hardcopy user guide
- Equipment Bag



- Low cost wave solder analysis
- Ready made solution
- Automatic wave parameter good/bad evaluation
- Ongoing Process Control

SolderStar Ltd
Manchester UK

Tel: +44 (0)1706 354846
Fax: +44 (0)1706 675296
Email: info@solderstar.com
www.solderstar.com