

- Introducing

Solderstar PRO

The **only** profiler you'll ever need ...



1 Profiler ... 3 Processes

3 in ONE

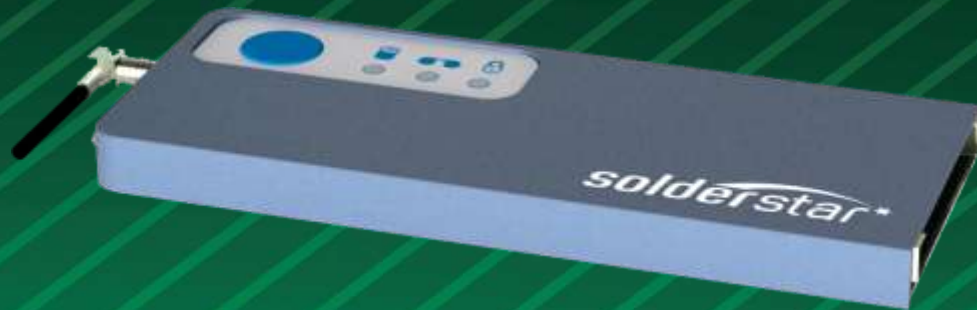
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Compact, robust and accurate data-logger features unique SmartLink connector system

Smartlink allows docking to heat-shields and processes specific **accessories**

Single button operation makes data collection quick & simple

2.4Ghz Zigbee Telemetry for **live** view of data



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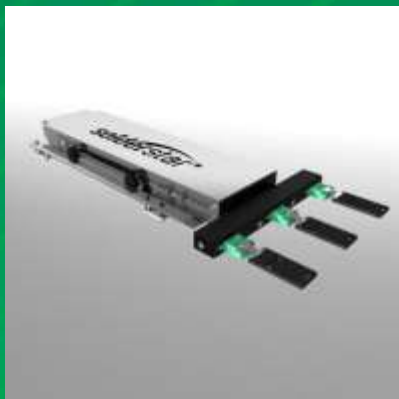


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... for REFLOW Soldering

Data-Logger docks to a range of reflow heat-shields via **SmartLink**

Industry's **smallest footprint** solution, passes through any machine or process no matter how restricted



No need to disconnect test boards after use, quickly **undock** the logger and safely download data via usb to a pc

DeltaPRObe fixture available for process **repeatability** checking without test boards.

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... for REFLOW Soldering
a fully scalable solution...





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... for Wave Soldering

Smartlink extends application to Wave process

A single pass through the machine captures all contact and temperature data

Underside contacts measure **Wave Height**, **Contact time**, **parallelism** and **conveyor speed**

Pre-heat profiles from the left and right side and **solder pot** temperature are available for both waves.





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... for Wave Soldering

SolderStar Ltd

UK Manufacturer of
thermal profiling
systems for wave and
reflow soldering

Measures in a single pass...

Collecting data for thermal profiles

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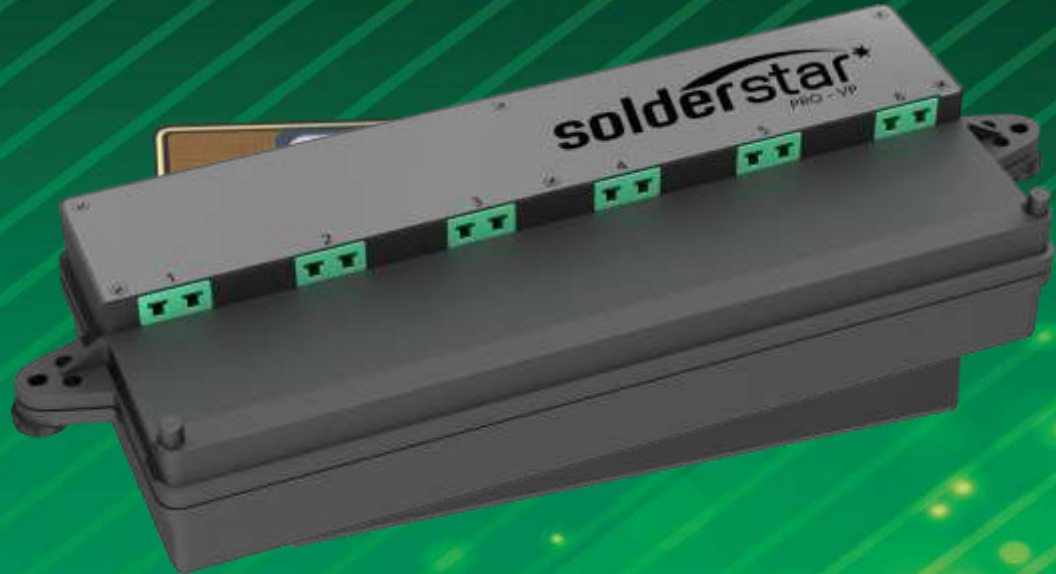
... for VAPOUR Soldering

2 piece , very low mass heat-shield gives protection whilst minimising process impact

Operates across pre-heat, vapour reflow and vacuum stages

Heat-shield is split and logger undocked after use allowing rapid air cooling and safe transfer of data to a pc without disconnecting test board.

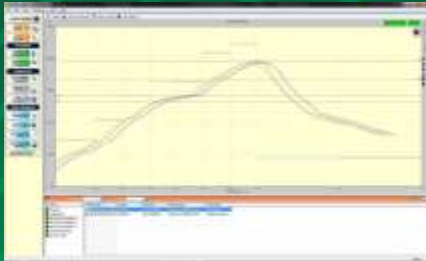
2.4Ghz RF Telemetry allows live profile viewing during soldering.





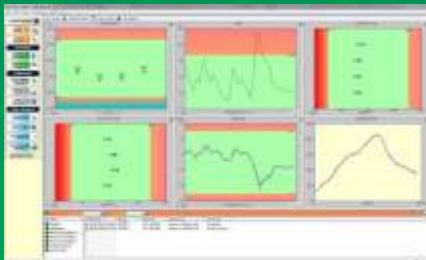
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Professional software tools



Incorporates a profile **database**, oven and solder paste **libraries** and including setup **wizards** to speed up common tasks

Integrated **SPC** tools can quickly and easily generate control charts for selected profiles in the database



Unique **graphical** process checker shows process status instantly without making manual measurements



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AUTOSeeker... 'Click to Fix' Process Optimization Tool in action

