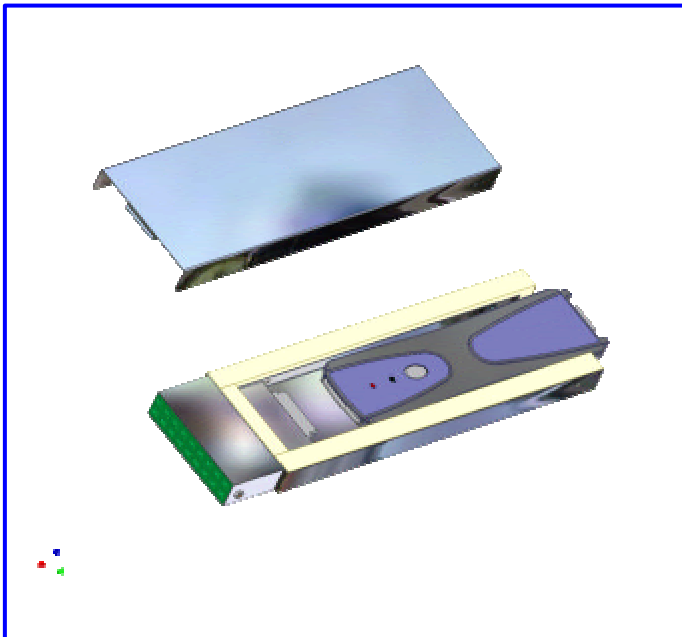


PROfiler *UltraSlim*

A **new** dimension in temperature profiling



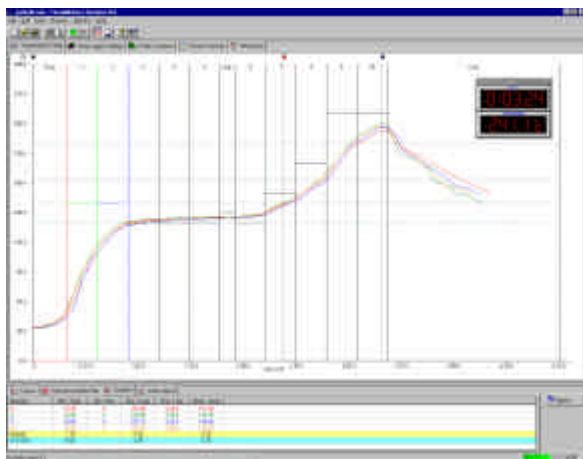
- ✓ Industries smallest and lightest datalogger will fit though virtually any machine or process
- ✓ Up to 16 measurement channels for profiling of the largest PCB's.
- ✓ High efficiency, fast cool heat barriers provide protection against existing and new lead free processes.
- ✓ Rapid release barrier system eases datalogger disconnection and download.
- ✓ Simple yet powerful Windows software provides all tools to analyse your data.

Increase control and profitability

In an industry that places ever increasing demands on process quality and productivity, along with the emergence of lead free processes, temperature profiling has never been so critical.

The *UltraSlim* range of temperature profiling systems will give you confidence and control over your reflow and wave soldering process.

Existing or new lead free profiles can be rapidly captured and analysed, allowing you to reduce productions costs and machine downtime.



Capture then analyse your process profile with easy to use software tools

Your Benefits

- Ease the move to lead free solder.
- Make machine adjustments from an informed standpoint.
- Reduce scrap and rework costs.
- Ease process control documentation & overhead.
- Use your profiles to maximise production throughput.
- Improve process quality and consistency.
- Measure and monitor process improvement.
- Minimise troubleshooting time on problem processes.



Technical Specification

System Accuracy	±1 °C (±1.8°F)
Resolution	0.02 °C (0.036°F)
Number of channels	Up to 16 Type-K
Sampling period	100mS to 14 mins.
Storage	32000 data points
Measurement range	-150°C to 600°C -238°F to 1112°F
Batteries	2 x Lithium Coin Cells
Battery Life	600 runs (Low Battery Warning)
Datalogger Size	175x50x 8.5 (mm) 6.9 x 2 x 0.3 (inch)
Thermal Barrier Size (9 channels)	265x80x20 (mm) 10.4x3.2x0.8 (inch)

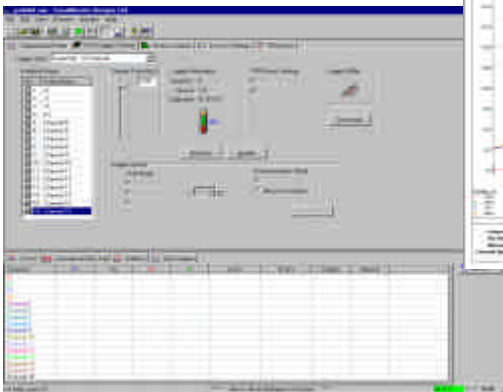
Standard Equipment

- ◆ 16 channel *UltraSlim* data logger
- ◆ 9 Channel Heat barrier
- ◆ PC Analysis Software and download lead
- ◆ 9 Type-K Thermocouples and leads
- ◆ Equipment case & spare batteries

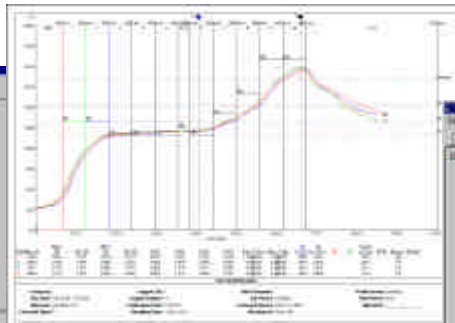
Options

- ◆ 12 & 16 Channel Heat Barrier

Print a comprehensive report of your reflow or wave soldering process



Configure the datalogger settings for accurate process parameter capture



Predict the effect of conveyor speed and zone temperature changes on your profile

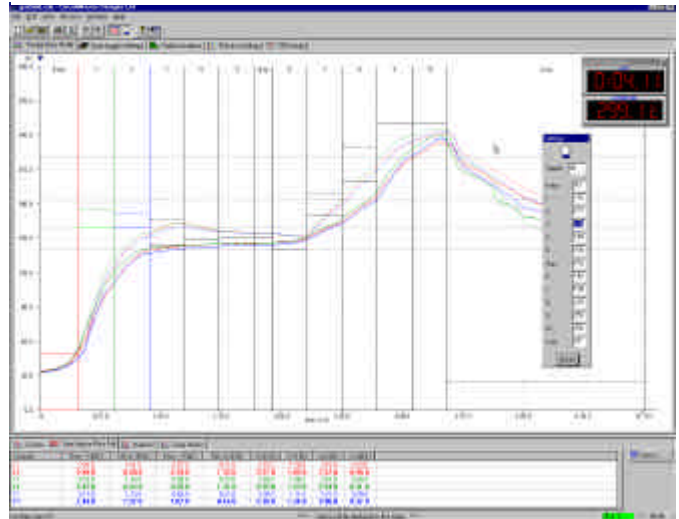


Place and name probe icons on an image of your board for total traceability

Powerful Windows Software

PROfiler *UltraSlim* software tools provide you with all the features you'll need to get your process back on track.

- ✓ Measurement Cursors
- ✓ Tolerance Curves
- ✓ Process Prediction
- ✓ Oven Templates
- ✓ Configurable Printout
- ✓ Process Statistics
- ✓ Auto Parameter Calculation
- ✓ *PROwave* / *PROsentry* ready



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