

All you need to know to get started!

1

Connect the communications cable and reset the logger, use the memory calculator to help in selecting the correct sampling interval. The logger will start recording when the chosen trigger event occurs.



2



Plug the thermocouples into the logger, carefully noting which thermocouple is plugged into each channel.

3

Place the logger in the thermal barrier*, ensuring the lid is firmly closed (with a click) and pass the system through the reflow oven.

**NOTE: If start button trigger was selected then press the button now and ensure that only the green LED is flashing before closing the thermal barrier.*



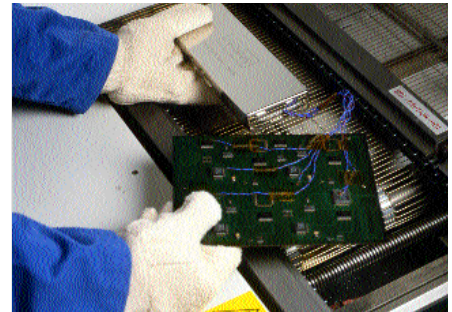
4



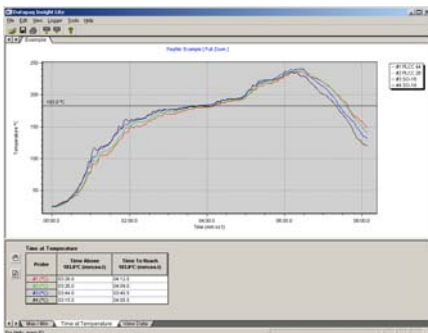
The product should lead the Datapaq system through the process. Ensure that the thermocouple wires are taped together to avoid them becoming caught within the oven.

5

Using the protective gloves, retrieve the system as it exits the oven. Remove the data logger from the thermal barrier.



6



Leave the barrier open to speed up the cooling process. Connect the communications cable to the logger and download the profile data to the PC for analysis using Insight software.

Battery Status

Yellow LED
Bi-coloured LED



Data Logger Status

Green LED
Red LED

TIP

The logger is equipped with an intelligent battery monitoring unit, ensuring the battery is never overcharged. Leave the charger connected to the communications lead and the logger will always be on charge and ready for use.

Logger Status

Green LED	Red LED	Means:	Action
5 flashes alternately with red LED	5 flashes alternately with green LED	Data Logger successfully reset from PC	None
Flashing alternately at Sample Interval	Flashing alternately at Sample Interval	Awaiting Temperature Trigger, or for Start button to be pressed	None
Flashing with red LED simultaneously	Flashing with green LED simultaneously	Channel no. 1 is above the Temperature Trigger and cannot trigger	Reset Temperature Trigger from PC or cool no1 thermocouple
Off	Flashing every 5 seconds	Contains hot data or memory full. Data must be removed before any further operation.	Download to PC, or perform a PC reset to delete data
Flashing at sample interval	Off	Data Logger acquiring data	None
Flashing rapidly 5 times	Off	Data transferred from Data Logger to PC	None
Off	Flashing 5 times	Communication with PC established	None
Off	Flashing every second	Serious internal error	Contact Datapaq
Flashing 5 times simultaneously with red and yellow LED	Flashing 5 times simultaneously with green and yellow LED	Start button pressed after data download. Data Logger auto-reset with last used operating conditions.	None

Battery Status

Yellow LED	Bi-colour LED	Status
Off	Off	Logger not on charge
On	Red	Logger fast charging
On	Green	Logger fully charged
On	Off	Logger trickle charging



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