

Quick Reference Guide

All you need to know to get started!

1 Press Start button to start auto monitoring using the previous set of conditions. Or, if it's the first run - factory default (5 second sample interval/start button trigger).

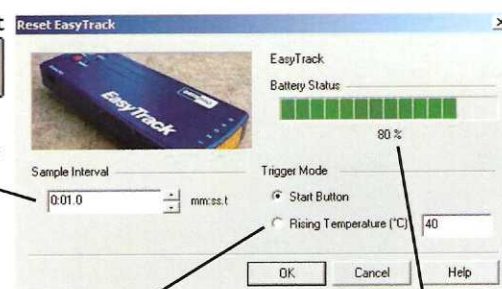


PC reset



Select Sample Interval

or



Using Temperature Trigger, the **EasyTrack** system will start recording automatically when probe one reaches your chosen trigger temperature, after entering the oven.

Accurately check the battery Power Status.

GREEN - battery OK

YELLOW - caution

RED - replace battery

2



Place in Thermal Barrier ...



... attach Thermocouples to product or test piece.

3

- Send through oven
- Collect at exit
- Remove Data Logger from Thermal Barrier

Caution:
Wear heat resistant gloves



4



Press red stop button ...



... connect Computer Interface cable.



Download to PC.
After download, disconnect Computer Interface cable to conserve battery power.

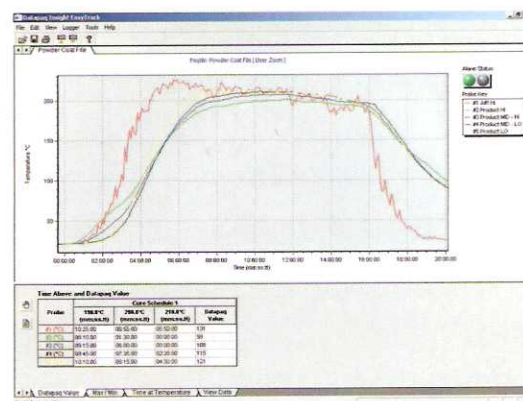
5



Save information.



Print single page Standard Report.



Analyse ... convert raw data into meaningful information that will benefit you and your business

Max / Min

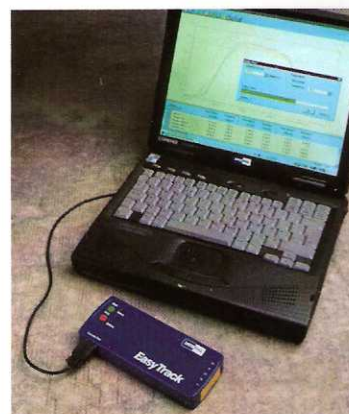
Max / Min Temperature

Calculate the maximum temperature and time achieved for each probe location on the product measured.
Use Max / Min information to calculate temperature slopes over a selected zoom.

View Data

View Temperature Data

Display the product or air temperature at any point in the process.
Click the left hand mouse button on the trace of interest.
Move cursor bar with mouse to appropriate position and read time and temperature information.



Time at Temperature

Time at Temperature Data

Calculate the time at which a product reached a specified temperature, and the dwell time the product was held at, or above that temperature. Click on the Options button to select up to three threshold temperatures.

Datapaq Value

Datapaq Value

Calculate the index of cure value against coating supplier cure specifications using all temperature data from the profile graph that contributes to the cure process. Click on the Options button and input the cure schedule information obtained from your coating supplier.

Parameters								
LOW		MID		HIGH		Min Temp (°C)	Max Temp (°C)	
Temp	Time	Temp	Time	Temp	Time			
1	190.0	12:00:00	200.0	10:00:00	210.0	09:00:00	160.0	220.0

Temperature at which curing (cross linking) starts

Temperature above which coating damage is possible

3 coating cure schedules
(high, mid and low Time at Temperature settings)

Datapaq Value

Find the acceptable range of Datapaq Values (e.g. 90-140), which give you the coating cure quality you require from physical QA tests:

Generally NEAR 100 indicates cure OK;

Significantly less than 100 under cure;

Significantly greater than 100 over cure.

Use Datapaq Value as an ideal process control or optimisation indicator.

If Datapaq Value falls within your specified range (e.g. 90-140), the process is in control – continue production with confidence.

Alarms

Alarms

See when a FAIL alarm condition is triggered and what was the cause of the alarm e.g. Logger Over temperature, Low Battery, Invalid Measurements