EASYTRACK2 DATA LOGGER

4 Channel Logger:	ET4041
6 Channel Logger:	ET6061
Thermocouple Type:	K
Sample Interval:	0.5 seconds to 60 minutes
Accuracy:	±0.5°C
Accuracy Protection:	Cold junction compensation - accuracy guaranteed up to 85°C (logger temperature)
Resolution:	0.1°C
Maximum Internal Operating Temperature:	85°C
Safety Features:	Over temperature protection prevents use of logger if too hot. Auto shut down at an internal temperature of 85°C
Measurement Range:	-150°C to 500°C
Memory:	Non volatile with hot data protection
Memory (readings per channel):	4000 (ET4041) 6000 (ET6061)
Data Collection Start:	Start button/temperature trigger
Battery:	Good quality 9V PP3 Alkaline (replaceable)
Battery Life:	At 5 second intervals – 120 hours continuous measurement. At 1 second intervals – 74 hours continuous measurement. At 0.5 second intervals – 43 hours continuous measurement
Hardwired Telemetry Capability:	No (ET4041) Yes (ET6061)
Communications Protocol:	USB (CI1033)
LED Indicators:	Always informed of status
Battery Compartment:	Magnetic catch - access without the need for tools

EASYTRACK2 THERMAL BARRIER

Part Number:	TB0250
Weight:	2.6kg
Dimensions (H x W x L):	111mm x 185mm x 260mm
Heatsink:	TB9550
Thermal Duration:	

Temperature °C	100	150	200	250	300
Time (mins)*	360	180	120	75	40

Protection quoted at constant environmental temperature

EASYTRACK2 INSIGHT SOFTWARE

Analysis tools … to benefit your process

- Oven Start and Exit Correction
- Maximum Temperature and Time recorded
- Time At and Time to Reach Temperature
- Datapaq Value – Index of Cure
- View Data – raw data measurement by measurement
- Mouse operated zoom
- Graph Overlay
- Logger Reset options (sample interval, start button or temperature trigger)
- Onboard battery charge indicator
- Data Import/Export and Auto Paqfile Email
- Concise single page validation report
- Local language available
- FREE Paqfile viewer software – download from www.datapaq.com

Compatible with Windows™ 2000 or above, Pentium II processor 300MHz, 128Mb RAM, 50Mb free hard disk space

THERMOCOUPLES

Exceptionally durable, quad wrapped, 10 strand 36 AWG (0.125mm) PTFE and metal braid coated* K type thermocouples built to last. Designed with circular cross section to reduce kinking and twisting, with a strong 'crimped' plug/cable attachment. Specified to ANSI MC96.1 Special Limits of Error (±0.4% or ±1.1°C, whichever is greater). Various cable lengths available.

Does not apply to PA0182 and PA0060

Clip Probe – Attaches to any non ferrous products. 1.5m PTFE cable; 0 to 265°C temperature range.
PA0021 air measurement
PA0011 substrate measurement

Magnetic Probe – Attaches to large flat ferrous products. 1.5m PTFE cable; 0 to 265°C temperature range.
PA0055 air measurement
PA0053 substrate measurement

MicroMag Probe – Attaches to ferrous products where space is limited. 1.5m PTFE cable; 0 to 265°C temperature range.
PA0995 air measurement
PA0973 substrate measurement

Exposed Junction Probe – Spot welded, soldered or taped to product or test piece.
PA0063 1.5m PTFE cable; 0 to 265°C temperature range
PA0182 1.5m Glass Fibre cable; 0 to 500°C temperature range

Washer Probe – Screw directly to large bulky product or test piece.
PA0081 1.5m PTFE cable; 0 to 265°C temperature range

Patch Probe – Used for low mass small products, plastics or IR processes.
PA0060 1.5m PTFE cable; 0 to 265°C temperature range

THE DATAPAQ GUARANTEE

Each Datapaq system is supported with a full one year warranty. Complementing the warranty, we offer a yearly service and recalibration contract, which includes free software updates and loan equipment for guaranteed peace of mind.*

* Dependent on country.

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DATAPAQ
www.datapaq.com

Due to continuing product improvements, specifications are subject to change without prior notice.

EasyTrack2.qxp - Iss 01 - SEPT07

EasyTrack2

… profile your oven the easy way

www.datapaq.com

THE POWER OF 2 — NEW — NUOVO — NOUVEAU — NEU

Measuring the exact temperature of your product as it passes through the cure oven gives you the power to understand, control and so maximise the potential of your coating process.

Over the last 23 years the name Datapaq has become synonymous with oven temperature monitoring in the paint and powder coatings marketplace worldwide. With a reputation for accuracy, ease of use and reliability Datapaq is the preferred choice.

EasyTrack2 is the very latest generation of Oven Tracker systems designed specifically for the day to day needs of every paint and powder coater. As its name suggests, every effort has been made throughout its design to provide a system to make your profiling task as easy as possible.

BRINGING BENEFITS TO YOUR BUSINESS

- Check that your process meets the coating suppliers cure specification to guarantee product quality

- Eliminate costly rejects or rework

- Identify immediately when problems occur in your oven. Use the profile data to isolate the cause and suggest action needed to correct it

- Optimise process parameters to maximise throughput and minimise energy costs

- Validate new products and coatings accurately with ease and efficiency

EASYTRACK2 DATA LOGGER...
tough simplicity

A simple 2 button operation for ease of use. The hardest choice to make is deciding whether you need the 4 or 6 channel version!

Designed for the harshest of environments – the EasyTrack2 logger has an internal operating temperature of up to 85°C, without any deterioration in accuracy.

Intelligent power management, non volatile memory and auto power-down after use ensures you get the most out of your logger. And there is no risk of data loss because hot data protection prevents the frustration of accidentally deleting valuable collected data.

Machined from solid aluminium, the logger is tough and capable of withstanding the rigors of a busy shop floor environment. Robust buttons and LED's extend its life, avoiding simple system failures resulting from the logger being dropped or overheated, which can often be a problem with displays such as LCD's.
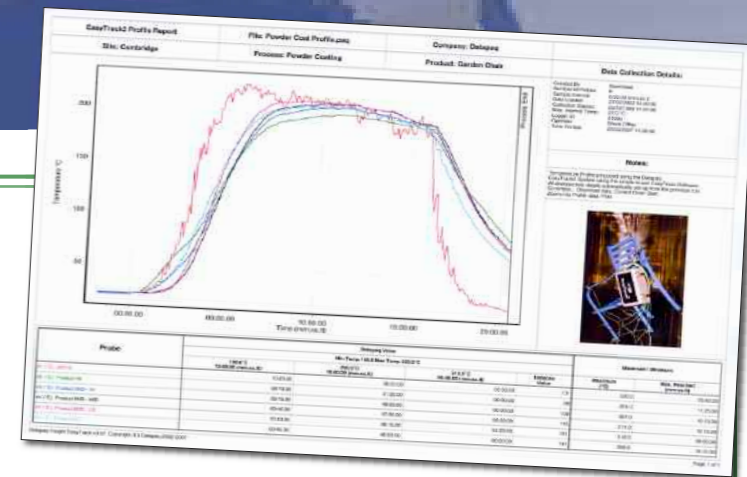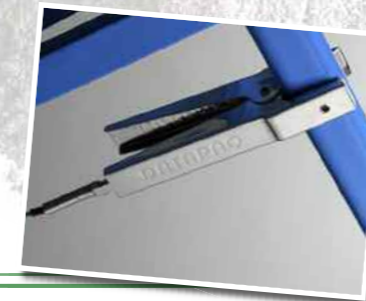
THERMAL BARRIER...
for optimised protection

Getting the EasyTrack2 logger through a powder coating oven safely requires a thermal barrier you can trust run after run. At the same time you don't want a barrier that makes life difficult with lifting and travel due to its excessive size or weight. The EasyTrack2 barrier gives you the best of both worlds. Dual thermal protection from ceramic insulation and a back up heatsink gives you a lightweight, easy to handle barrier.

2 hours protection at 200°C and weighs less than 3kg

THERMOCOUPLES...
the choice is yours

Profiling your oven is not easy unless you can attach the thermocouple to your work piece reliably and accurately. Complementing the EasyTrack2 is a comprehensive range of PTFE thermocouples designed to meet your process requirements and last the test of time. Whether attaching to a plastic component in an IR process or quickly to a moving aluminium extrusion, we have the thermocouple to suit. All K type thermocouples supplied are specified to ANSI MC96.1 Special Limits of Error guaranteeing a high accuracy for peace of mind. Glass Fibre and Mineral Insulated cable options are available for higher temperature processes.

INSIGHT SOFTWARE...
simply understanding your process

Collecting temperature data is one thing, but understanding it is another. This task is made simple with the EasyTrack Insight analysis software package.

From programming the logger to emailing a proof of process validation to your customer, the software intuitively helps you out.

Confirm cure against your coating suppliers' specification using a range of analysis tools including Maximum Temperature, Time at Temperature or the Datapaq Value Index of Cure calculation. Simply check that the Datapaq Value falls within an acceptable tolerance range to confirm cure instantly, irrespective of product size, line speed or even oven settings.

A simple mouse click creates a clear and concise single page profile report. Use to satisfy all necessary regulatory requirements or market the professional services your company provides. Protect existing contracts and win new customers.

2x
THE CHOICE AS FAST AS ACCURATE THE POWER

DANGER EXTREME TEMPERATURE