

# DATAPAQ<sup>®</sup> EasyTrack<sup>®</sup>3 Profiling System

DATAPAQ ET3 Datalogger Available with 4 and 6 Channels



DATAPAQ EasyTrack3 Professional system



EasyTrack3 Professional System operational



EasyTrack3 STD/ADV system



ET3 Loggers ET4043 & ET6063



ET3 logger – replaceable battery



ET3 Barriers TB0253 & TB0263

<b>Channels</b>	4 or 6 thermocouple options
<b>Measurement range</b>	-150 to 500 °C (-238 to 932 °F)
<b>Thermocouple type</b>	K (mini-plug)
<b>Logger accuracy</b>	± 0.5 °C (± 0.9 °F)
<b>Cold junction compensation</b>	Accuracy guaranteed with change in logger temperature
<b>Resolution</b>	± 0.1 °C (± 0.2 °F)
<b>Logger operating range</b>	0 to 85 °C (32 to 185 °F) with safe auto shut down
<b>Case</b>	High temperature cool touch molded polycarbonate <100 °C (212 °F)
<b>PCB</b>	Coated to improve moisture protection
<b>Sampling interval</b>	0.5 s to 60 min
<b>Start trigger</b>	Auto start / start button / temperature trigger
<b>Battery use</b>	Replaceable 9V alkaline (ANSI/NEDA 1604A IEC6LR61)
<b>Battery life</b>	Min 360 hours continuous operation – 5 s, 6 channels 25 °C (77 °F) Min 50 × 1 hour oven runs – 5 s, 6 channels at 70 °C (158 °F)
<b>Memory</b>	18,000 readings per channel per run (0.5 s sample interval = 2.5 hours run time). Non volatile hot data protection.
<b>On board calibration data</b>	Digital certificate
<b>On board logger LEDs</b>	Logger & battery status indication
<b>On board logger diagnostics</b>	Service email for logger health check
<b>Logger USB power</b>	No battery discharge on reset & download
<b>Auto logger detection</b>	Auto boot up when logger detected by Insight™ software
<b>Multiple run capability*</b>	Max 3 runs separately stored in logger
<b>SmartPaq*</b>	Intelligent logger profile run “pass/fail” indicator
<b>Computer interface cable</b>	CI1150 mini-B USB connector
<b>Hardwired telemetry</b>	via USB cable
<b>Software compatibility</b>	EasyTrack Insight (V8.50); EasyTrack Insight Professional (V8.50)
<b>Windows compatibility</b>	32 and 64-bit versions of Windows® XP, Vista, 7, 8, 10
<b>Logger dimension (l × w × h)</b>	170 × 67 × 20.5 mm (6.7 × 2.6 × 0.8 in)
<b>Replaces</b>	EasyTrack – ET5051; EasyTrack2 – ET4041 & ET6061
<b>Logger weight</b>	ET4043 – 196 g (0.43 lbs); ET6063 – 200 g (0.44 lbs)

\* Requires Insight Professional software

## THERMAL BARRIERS

The DATAPAQ EasyTrack3 system is offered with a range of thermal barriers designed to match different coating applications or operational needs. It is proven to keep the logger safe through the process and maintain logger temperatures at a level to guarantee the accuracy of the temperature measurements recorded. It provides dual protection confidence using microporous insulation and phase change technology.

Barrier	TB0253	TB0263	TB2037	TB5000-HT
<b>Construction</b>	Aluminum	Aluminum	Stainless steel	Stainless steel
<b>L x w x h mm (in)</b>	265 x 185 x 110 mm (10.4 x 7.3 x 4.3 in)	297 x 187 x 125 mm (11.7 x 7.4 x 4.9 in)	229 x 90 x 31 (9.0 x 3.5 x 1.2)	292 x 190 x 130 (11.5 x 7.5 x 5.1)
<b>Weight incl. barrier and heat sink Protection* (min)</b>	3 kg (6.5 lbs)	3.7 kg (8.2 lbs)	0.55 kg (1.2 lbs)	6.2 kg (13.7 lbs)
	at 100 °C (212 °F)	540	30	870
	at 150 °C (302 °F)	180	18	390
	at 200 °C (392 °F)	120	13	270
	at 250 °C (482 °F)	75	9	210
	at 300 °C (572 °F)	40	–	180
	at 400 °C (752 °F)	–	–	90
<b>Heat sink</b>	TB9550: 58 °C (135 °F)	TB9950: 58 °C (135 °F)	NA	TB1001x2: 58 °C (135 °F)

\* Protection quoted at constant environmental temperature.



PA0063



PA0060



PA0181



PA0995/PA0973



PA0055/PA0053



PA0021/PA0011



CS3191/CS3192



PA2054



CC0049

## THERMOCOUPLES

Thermocouple range offers accuracy and reliability. Quad wrapped, 10 Stand PTFE and metal braid coated type K thermocouples designed with circular cross section to reduce kinking and strong crimped plug cable attachment. Specified to ANSI MC96.1 special limits of error  $\pm 0.4\%$  or  $1.1\text{ }^{\circ}\text{C}$  ( $34.0\text{ }^{\circ}\text{F}$ ). PTFE cables are rated up to  $265\text{ }^{\circ}\text{C}$  ( $509\text{ }^{\circ}\text{F}$ ). Cables quoted 1.5 m (6 ft) but available in variety of lengths.

### Exposed Junction

Spot welded soldered or taped to product

**PA0063** Exposed junction PTFE

**PA0060** Patch probe PTFE

**PA0181** Exposed junction fiberglass (operates safely up to min  $500\text{ }^{\circ}\text{C}$  ( $932\text{ }^{\circ}\text{F}$ ))

### Magnetic Probes

Attached directly to ferrous products

**PA0995** MicroMag air PTFE

**PA0973** MicroMag surface PTFE

**PA0055** Offset magnet air PTFE cable

**PA0053** Offset magnet surface PTFE

### Clip/Clamp Probes

Attached directly to non-ferrous products

**PA0021** Clip air PTFE

**PA0011** Clip surface PTFE

**CS3191/2, 4 & 6** channel probe clamp

**PA2051** Probe ID tags

**CC0049** Soft carry bag

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### Worldwide Service

Fluke Process Instruments offers services, including repair and calibration. For more information, contact your local office.

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