



1-2-3 GO! Want to optimize your furnace heat treatment process?

Let the new DATAPAQ® TP3 revolutionize your temperature profiling procedures
 Innovation and trusted performance you would expect from the global market leader

1 Smarter



Understand more about your current or future process, with the adaptable TP3 data logger.

- Up to 20 measurement channels, with pre-configured thermocouple types
- 20 x larger memory – highly detailed profile for even the longest process
- Full connectivity options – Bluetooth®, hardwired and wireless RF telemetry, improved USB download
- Simultaneous monitoring from multiple loggers, to a single PC
- Fully certified TUS capability for AMS 2750E and CQI-9, now including on board correction factors and calibration certificate

*Bluetooth availability subject to region.

2 Stronger



Need a reliable system that you can confidently run process after process, in the harshest environments?

- Robust stainless steel case with high thermal mass to prevent thermal damage
- New thermal barrier range for the toughest applications, including 20 channel standard HT, CAB/vacuum brazing, aluminum solution reheat
- User interchangeable battery types – one logger satisfies all application needs
- Improved logger and battery compartment water resistance
- Two 20 channel logger styles to suit standard and evaporative thermal barriers – reduces set-up time

3 Time Saver



Need to save time and lower costs on your data logger use and servicing?

- Multi run, multi events before download, for improved profile efficiency
- Enhanced on site serviceability – minimize downtime and shipping costs
- User replaceable batteries – eliminate downtime through unnecessary service returns
- Remote service diagnostics – avoid unnecessary service returns
- Multiple logger styles
- Calibration check – maintain confidence that logger is in calibration
- Multiple software language support – ‘one click’, live language selection to meet operator needs

More Value to You

Quality

- Optimize your product quality by getting a perfect heat treatment recipe – profile the product from within the furnace

Productivity & Efficiency

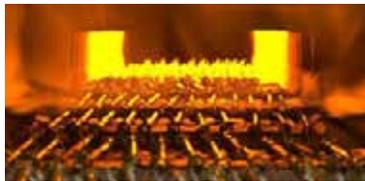
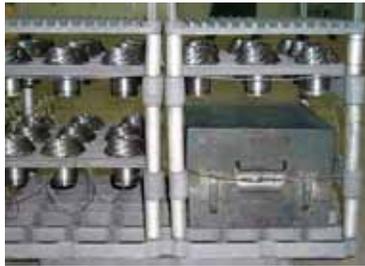
- Improving your furnace performance allows you to adjust production settings and speed without compromising efficiency

Rapid Fault Finding

- Reduce downtime, especially for setting up new product recipes and during service periods

Validation and Certification

- Fully certified and traceable software package for ISO, NADCAP and CQI-9 certification – validate your process for suppliers and internal QC guidelines



APPLICATION	FEATURE	VALUE
<p>Metals Slab/billet reheat, aluminum processing, steel plate and tube annealing, steel lamination, bright annealing, aluminum brazing, copper and stainless steel brazing</p>	<ul style="list-style-type: none"> ■ 2 logger case styles and a variety of new innovative thermal barriers ■ Increased logger/thermal barrier thermal performance ■ 3 user replaceable battery types ■ High accuracy data logger 	<ul style="list-style-type: none"> ■ Save time on setup/training personnel, reduce downtime ■ Extended performance, especially in high temperature short duration processes ■ Eliminate downtime due to battery failure ■ $\pm 0.3^{\circ}\text{C}/\pm 0.5^{\circ}\text{F}$ to suit the most stringent requirements
<p>Furnace surveying (CQI-9, AMS2750) Vacuum carburizing, composite manufacturing, aerospace heat treatment, automotive heat treatment</p>	<ul style="list-style-type: none"> ■ Bluetooth connectivity for reset/download and short range data logging ■ On-board correction factors and calibration certificates ■ Multiple TC type on single logger 	<ul style="list-style-type: none"> ■ Cable free operation eliminates cable issues, bluetooth data logging eliminates earth loops issues ■ Eliminate user error by applying correction factors from logger memory, print certificates on-demand ■ SAT and TUS flexibility
<p>Ceramics and kiln firing Sanitaryware, tableware, pottery, brick firing, roof tiles, wall and floor tiles, catalytic converters, spark plug firing</p>	<ul style="list-style-type: none"> ■ Multiple TC type on a single logger ■ Improved thermal barrier design for 20 channel operation ■ Remote logger diagnostics 	<ul style="list-style-type: none"> ■ Flexibility in monitoring product/ambient temperatures ■ Reduce setup time and thermocouple usage ■ Improved serviceability and reduced downtime, due to service issues