

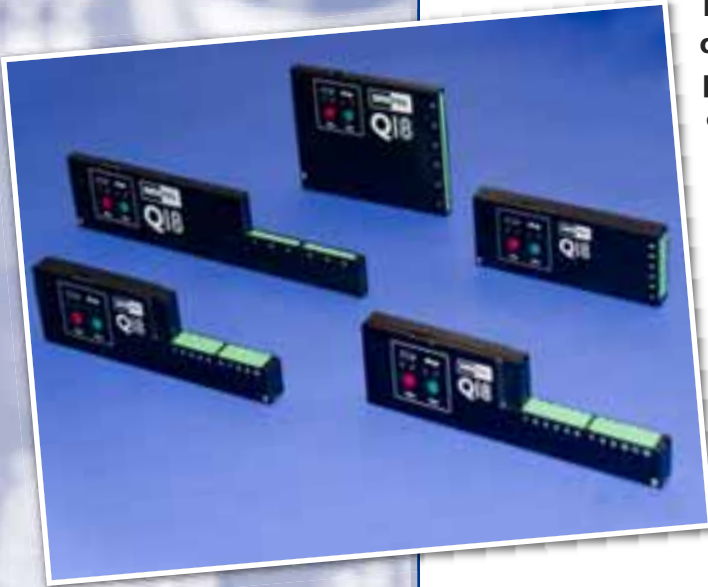


DATAPAQ

www.datapaq.com

Q18 DATA LOGGER RANGE

...the heart of the profiling system



The Datapaq Q18 data logger range has been designed using the latest miniaturised electronic packaging technology, enabling us to combine speed of readings, superb accuracy and high resolution all in one versatile unit. The Q18 is intended for use in short and medium duration thermal processes and can be supplied in a number of configurations with between 6 and 12, type K, thermocouple input channels.

DESIGNED WITH EASE OF USE IN MIND

The Q18 retains the familiar status indicators and stop/start buttons common to Datapaq's complete range of industrial temperature data loggers.

READY FOR USE AT ALL TIMES

The Q18 is equipped with an internal NiMH battery and intelligent fast charger circuits – these allow the user to leave the logger permanently on charge with no risk of damage to the battery.

FAST AND EFFICIENT

The fast sampling capability and huge memory for readings enables large amounts of data to be captured, this is transferred in seconds to a PC using a high speed USB interface ensuring minimal time is lost. Additionally the logger can be specified with a radio telemetry option.

RADIO TELEMETRY

The radio telemetry option enables you to immediately see the data appearing on a PC screen as the system passes through your process. When this option is specified, the Q18 is fitted with a 'built into the logger', harsh environment radio transmitter. The PC is equipped with a USB based receiver system, while Datapaq's Insight analysis software controls the configuration.

A Q18 FOR EVERY PROCESS

The Q18 is available in a wide selection of height and width options, each of which has a range of thermal barriers. This ensures that you can choose the data logger based on the requirements of your process.

FLEXIBLE

Q18 has the power and flexibility to profile many different industrial thermal processes from electronics packaging and assembly, through food preparation, paint and powder coating to metal heat treatment.



TECHNICAL SPECIFICATIONS

DATAPAQ Q18 RANGE OF DATA LOGGERS

Sampling interval:	0.05 seconds to 10 minutes
Accuracy:	±0.5°C
Resolution:	0.1°C
Maximum internal operating temperature:	85°C
Temperature range:	-200°C to 1,370°C
Memory:	18,000 readings per channel
Data collection start:	Start/stop buttons, time or temperature trigger
Battery:	NiMH rechargeable
Thermocouples:	Type K

DATA LOGGER	PART NO.	H (mm)	W(mm)	L(mm)	NUMBER OF CHANNELS
	DQ1812	20	60	237	12
	DQ1810	20	60	221	10
	DQ1860	12	106	150	6
	DQ1862	20	57	165	6
	DQ1861	12	62	302	6



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