



A Fluke Company

# Q18 Data Logger Range

*the heart of the profiling system*

The Datapaq® Q18 data logger has been designed using the latest miniaturized 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 profiling applications and is supplied with 6, type K thermocouple input channels.

## **DESIGNED WITH EASE-OF-USE**

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

## **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.

## **THE Q18 SOLUTION**

The Q18 is available in two 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**



The 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

## Q18 RANGE OF DATA LOGGERS

<b>Sample Interval:</b>	0.05 seconds to 10 minutes
<b>Accuracy:</b>	±0.5°C (±0.9°F)
<b>Resolution:</b>	0.1°C (0.2°F)
<b>Maximum Internal Operating Temperature:</b>	85°C (185°F)
<b>Temperature Range:</b>	-200°C to 1370°C (-328°F to 2498°F)
<b>Memory:</b>	18,000 readings per channel
<b>Data collection start:</b>	Start/Stop buttons, time or temperature trigger
<b>Battery:</b>	NiMH rechargeable
<b>Thermocouples:</b>	Type K

DATA LOGGER	PART NUMBER	HEIGHT	WIDTH	LENGTH	NUMBER OF CHANNELS
	DQ1860	12 mm (.47 in)	106 mm (4.1 in)	150 mm (5.9 in)	6
	DQ1862	20 mm (.78 in)	57 mm (2.2 in)	165 mm (6.4 in)	6

The DQ1860 and DQ1862 Q18 loggers can be used with a comprehensive range of different thermal barriers. Contact Datapaq to discuss which thermal barrier is best suited to your specific applications needs.

## The Worldwide Leader in Temperature Profiling



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