

Q18 Data Logger 12, 10 & 6 channel

Datapaq's most advanced and versatile family of loggers

Whatever your need... 12 channels, ultra-low height, rapid sampling, or an incredibly narrow footprint... a logger from the new Q18 family will be your best choice.

Our loggers are known for ruggedness. The Datapaq 2000 and then the Datapaq 9000 have set the standard for electronics and other industries for over 15 years. The Q18 is no exception. Built with legendary Datapaq durability and accuracy, this logger will give its owner years of quality use.

And now, with our new low height, narrow physical configurations, our loggers can "go where no loggers have gone before"... and with 12 channels!

The flexibility of the Q18 further solidifies Datapaq's ability to profile almost any heating process in electronics packaging and assembly, as well as coatings and high temperature heat treatment.

In combination with one of Datapaq's Thermal Barriers (and there are hundreds), the Q18 will continue to affirm Datapaq's place as the pre-eminent temperature profiling system in the world today.



The Datapaq Q18 family of loggers comes standard with:

- ◆ Ultra-fast USB connection
Download, and the data is there
- ◆ Exceptionally slim footprint (less than 2.5" in. wide 2 models)
Our logger/barrier combination fits where no others do
- ◆ Low height (less than 0.5" in. high 2 models)
Ovens with low entrances/baffles... no problem
- ◆ Sampling rate as low as 0.05 seconds
Accuracy and precision at all times
- ◆ 18,000 readings for each channel
With more points, better resolution
- ◆ Real-time at all times, as well as telemetry ready
Buy the basic system, and easy to upgrade
- ◆ High accuracy, 0.5°C
Gives you the confidence you need
- ◆ Rapid charging
Always ready to go... always
- ◆ Datapaq's foolproof Start/Stop buttons
No lost data, no wasted time



DATAPAQ

www.datapaq.com

Technical Specifications

Datapaq Q18 range of data loggers

Sampling interval:	0.05 seconds to 10 minutes
Accuracy:	±0.9°F / ±0.5°C
Resolution:	0.1°F / 0.1°C
Maximum internal operating temperature:	185°F / 85°C
Temperature range:	-328°F to 2498°F / -200°C to 1370°C
Memory:	18,000 readings per channel
Data collection start:	Start/stop buttons, time or temperature trigger
Battery:	NiMH rechargeable
Thermocouples:	Type K

PART #	H	W	L	Number of Channels
DQ1812	0.8 inches 20 mm	2.4 inches 60 mm	9.3 inches 237 mm	12

Suitable Thermal Barriers - TB2081, TB2082

DQ1810	0.8 inches 20 mm	2.4 inches 60 mm	8.7 inches 221 mm	10
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Suitable Thermal Barriers - TB2061, TB2062

DQ1860	0.5 inches 11.7 mm	4.2 inches 106 mm	5.9 inches 150 mm	6
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Suitable Thermal Barriers - TB2064, TB2015, TB2065

DQ1862	0.8 inches 20 mm	2.2 inches 57 mm	6.5 inches 165 mm	6
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Suitable Thermal Barriers - TB2020, TB2021

DQ1861	0.5 inches 11.7 mm	2.4 inches 61.5 mm	11.9 inches 301 mm	6
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Suitable Thermal Barriers - TB2066, TB2067, TB2068



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