

Diligence EV Temperature Data Logger with LCD Display



Sensor Type	Thermistor
Measurement Range	
Internal Sensor	-40°C to +70°C/-40°F to +158°F
External Sensor	-40°C to +150°C/-40°F to +302°F
Scales	°C and °F
Display Resolution	0.1°
System Accuracy °C	
-25°C to +50°C	±0.5°C
-40°C to +80°C	±1°C
-40°C to +150°C	±2°C (typical)
System Accuracy °F	
-13°F to +122°F	±1°F
-40°F to +176°F	±2°F
-40°F to +302°F	±4°F (typical)
Memory 32K	
1 channel	16000 samples
2 channels	8000 samples
3 channels	5300 samples
4 channels	4000 samples
5 channels	3200 samples
Communications	Via infra red interface
Download Time	3 minutes for 10,000 readings (typical)
Logging Frequency	Programmable between 1 second and 99 hours
Internal Sensor Response time	T90 = 15 to 30 minutes in ambient air
Ambient Storage	-40°C/-40°F to +70°C/+158°F
Logging Start	Programmable date and time or manual start from instrument multi-function button
Software	Windows™ based software for Windows XP or Vista
Battery Type	1 x AA size 3.6V replaceable lithium battery
Battery Life	Up to 5 years
Case Material	ABS
Environmental Protection	IP67 BS EN 60529 IEC 529
LED Indication	
Red	Alarm
Green	Logger Active
Dimensions	
Length	88mm/3.5ins (including fixing lug)
Width	80mm/3.1ins
Depth	35mm/1.4ins