

JR-1000

Product Specifications

Type: Single-Channel Temperature Thermistor

GENERAL JR-1000 SPECIFICATIONS

Size:	33 mm x 43 mm x 20 mm (1.3" x 1.7" x 0.75")
Weight:	35 grams (1.23 ounces)
Case Material:	Polyurethane
Battery:	3.6 volt Lithium, 0.95 amp-hour, guaranteed for 5 years
Resolution:	8-bit (1 part in 256)
Mounting:	Magnetic backing
Clock Accuracy:	+/- 2 seconds per day
Sampling Methods:	First-in First-out, Stop When Full, Delay Start, Data Compression, Spot & Average
Operating Limits:	-40 to 85°C (-40 to 185°F)
PC Requirements:	IBM PC or 100% compatible with at least one free serial port, 2 MB RAM, and 10 MB hard drive disk space
Software Requirements:	TrendReader® Express (included) - Windows version 3.1, 95, 98, Me, 2000, XP or NT

Memory Size:	32 KB; capable of storing up to 244,800 data points (when data compression is selected)
Sampling Rates:	User selectable rates from 8 seconds to 34 minutes
Number of Channels:	One (one internal channel for ambient temperature)

SENSOR SPECIFICATIONS

Internal Temperature Sensor:	
Type:	NTC Thermistor - 10,000 ohms @ 25°C (77°F)
Range:	-40 to 85°C (-40 to 185°F)
Resolution:	0.4°C @ 25°C (0.7°F @ 77°F)
Accuracy:	+/- 0.2°C @ 25°C (+/- 0.3°F @ 77°F)

The JR-1000 data logger is a simple easy-to-use single-channel data logger. It is ideal for quick accurate temperature recordings in a variety of applications.



WARRANTY

Internal Battery:	5 Years
Data Logger:	3 Years

APPLICATIONS

Food process verification, pharmaceutical storage, laboratories, transportation of temperature sensitive goods, equipment run time, HVAC system testing and balancing, etc

Model#:	Cat#:
JR-1000	01-0192