



ACR Data Loggers

Type: Temperature
Single-channel

JR-1000

JR-1000 Specifications

Size: 33 x 43 x 20 mm (1.3" x 1.7" x 0.75")
Weight: 1.23 ounce (35 grams)
Case Material: Polyurethane
Mounting: Magnetic backing
Operating Limits: -40 C to 85 C (-40 F to 185 F)
Clock Accuracy: +/-2 seconds per day
Battery: 3.6 volt lithium, 0.47 amp-hour
Battery Life: Five year warranty (under normal use).
PC Requirements: IBM PC or 100% compatible running MS Windows 3.1, '95, '98, 2000 or NT, with a least 2 MB RAM, 10 MB of hard drive disk space and one free serial port



Memory Size: 32 K (up to 244,800 data points when data compression is selected)
Resolution: 8 Bit (1 part in 256)
Sampling Methods: First in first out, stop when full, delay start, data compression, spot & average sampling
Sampling Interval: 8 seconds to 34 minutes

Sensor Specifications

Type: Negative temperature coefficient thermistor (NTC). 10,000 ohms @ 25 C (77 F)
Range: -40 C to 85 C (-40 F 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)

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.

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

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