



Multi-Use Data Logger RC-51H



Overview

Elitech RC 51H Temperature, Humidity Datalogger is a device used to measure Temperature and Humidity. It is a plug-and-play device that can directly generate the data report without any data management software intervention. This Multiuse Temperature Humidity Data Logger helps Users to monitor and record Temperature in cold chain management which requires a quick response data logger. It features a special pen-style design and high-protection glass with an IP67 rating.

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Features

- Internal Temperature/Humidity sensor, accuracy up to $\pm 0.5^{\circ}\text{C}/3\%\text{RH}$
- Auto encrypted PDF report with password protection function
- Built-in USB port allows quick access to PCs and ElitechLog software
- Powerful and intuitive indication with LCD screen and dual LED indicators
- Up to 32,000 data points memory capacity for Temperature/Humidity
- Up to 5 alarm thresholds configurable

Technical Specifications

RC-51H

Recording Options	Multi-Use
Temperature Range	-30°C to 70°C
Humidity Range	10%~95%
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ ($-20^{\circ}\text{C}/+40^{\circ}\text{C}$); $\pm 1.0^{\circ}\text{C}$ (other range)
Humidity Accuracy	+3%RH(25°C ,20%~90%RH),+5%RH (other range)
Resolution	0.1 $^{\circ}\text{C}$,0.1%RH
Data Storage Capacity	32,000 readings
Shelf Life/Battery	2 years'/ER14250 button cell
Recording Interval	15 minutes(standard, others on request)
Validation Certificate	Hardcopy
Report Generation	Automatic PDF report
Alarm Configuration	Optional, up to 5 points
Reprogrammable	With free Elitech Win or MAC software
Startup Mode	Button or software
Stop Mode	Button, software or stop when full
Protection Class	IP-67

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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