



MODEL: MCS-RC 4HC

T+ RH DATA LOGGER

A **Temperature & Humidity Data Logger** is an electronic data logging device with built-in USB connector and built-in PDF Generator to measure parameters like temperature and relative humidity during storage and transportation of food stuff, medicine, chemicals and many other products widely used in ware houses, logistics, cold chain, such as refrigerated units and vehicles, cold storage, laboratory etc.

Some Data loggers interface with a personal computer, and use software to activate the data logger and view and analyze the collected data, while others have a local interface device (keypad, LCD) and can be used as a stand-alone device.

APPLICATIONS

- Cold storage
- Cold room
- Mushroom store
- HVAC
- indoor air quality
- cycle regulation in self-cleaning ovens
- automotive and flue gas emissions
- greenhouse farming
- hazardous area warning signals
- gas leak detection
- landfill gas monitoring
- patient monitoring for anesthesiology

FEATURES

- USB Interface for Set-up and Data Download
- User-Programmable Alarm Thresholds for Relative Humidity and Temperature
- Long battery life
- Shock and Vibration resistance
- Water Resistant
- Certifications, Calibrations
- Data Export
- Data Integration with other systems
- Memory capacity 16000 points



TECHNICAL SPECIFICATIONS

Parameters	Description
Measuring range temperature	Internal Sensor -30°C to +60°C External sensor -40°C~+85°C
Measuring range humidity	0% to 99% RH
Accuracy Temperature	± 0.5°C (-20 to +40°C); ± 0.8°C in remaining temperature range
Resolution temperature	0.1°C
Accuracy Humidity	±3%RH(25°C,20~90%RH), others,±5%RH
Resolution Humidity	0.1%RH
Memory	16000 samples
Display	LCD
Alarm	Enabled, via indicator
Data Interface	USB
Operating Mode	Single Button
Measuring Rate	10 sec to 24h
Storage Temperature	-40°C to +60°C
Battery	3 V (CR2450) lithium, can be replaced by user
Battery Life	>24 months at measuring rate 15min @ 25°C
Protection Class	IP 67



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