



RTD CCMS: Single Channel Portable RTD Logger

RTD CCMS is battery powered single channel portable data logger with RTD-PT100 input. It's In-built 3.6V Li-Ion rechargeable battery allows interrupt free operation as well as 4½ Digit LCD display gives clear indication of process value & LED provides log indication. It provides real-time viewing of any process parameter and In-built USB Host Port gives flexibility for easy data retrieval through USB sticks. It is reliable & cost effective digital process recorder mainly used in cold chain monitoring system, pharmaceutical & industrial applications.

Key Features:

- Local Data Storage of 60,000 samples/channel
- Inbuilt RTC with variable logging interval
- USB Host Port for data retrieval
- Inbuilt rechargeable Li-ion battery (with 1 month standby time)
- Data analysis through windows based PC software

Application Areas:

- Cold Storage & perishables during shipments in Dairy & Food Industries
- Blood Banks
- Chemical & Cement Industries
- HVAC
- Vaccine monitoring

Technical Specifications:

RTD CCMS	
Description	Single Channel Portable RTD Data Logger
Features	<ul style="list-style-type: none">• Portable Indicator & Logger• 60,000 samples Data Storage Capacity• USB Host Port for Data Retrieval
Display	4 ½ Digit LCD Display
Input Types	RTD- PT100
Sample Rate	Continuous
Resolution	0.1 °C
Accuracy	± 0.5°C
Real Time Clock	Available with Battery backup
Logging Modes	Continuous/ Time Based/ Value Triggered
Logging Interval	1 sec. to 1 Hr (Programmable)
Data Storage	60,000 Samples (Expandable up to 1,20,000 samples)
Output	USB Host Port for data retrieval
Operating Power	Battery Operated (Internal rechargeable Li-Ion battery with external charger)
Power Storage Capacity	1 month when fully charged
Battery Life	Approx. 4 Years
Temperature	Operating : -10°C to 50°C Storage : -20°C to 50°C
Humidity(Non-Condensing)	Up to 95% RH
Housing & Type of Mounting	Wall Mounting ABS Enclosure
Dimensions	90 mm (W) X 65 mm (H) X 40 mm (D)

PC Software:

Windows based PC software to:

- Download data from the data logger
- View Runtime parameters values and graphical trends
- Download the logged data from the data logger
- Generate & save reports
- Optional 21 CFR compliant software features



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