

# DIGITAL CLEAN ROOM MONITOR

MODEL: CR 130



Since 1977

ADVANCED MEASUREMENT TECHNOLOGY WITH DIGITAL COMMUNICATION

**NEW**



The CR125 is specifically designed for the monitoring of Clean Rooms and packaged in a compact shallow enclosure allow installation in prefab Clean Room Panels of thickness **40mm or more** with **112mm cutout**.

## FEATURES

- Confirms to **21 CFR11** requirements.
- Microprocessor based design with advanced fault tolerant design
- 3 Channel Display of any parameter
- Channel ranges and units can be preconfigured (Factory Configured)
- **Option: In-built RH and Temperature Sensor**
- **Option: In-built Pressure Sensor**
- User programmable for 1,2 or 3 channel measurements
- Software calibration for all 3 channels with password protection
- Programmable Alarm Limits with Visual Annunciation
- Stainless Steel Front Panel with 38 mm deep molded Enclosure
- Fits into standard 112 mm circular cutout.

*An ISO-9001:2015 Company*

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*Data will change without prior notice*

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## \*OPTIONS:

- Alarm Relay
- Real Time Clock battery powered clock
- Calibration record with Time and Date Stamp for Validation.
- Logging of 1000 records at a pre-selected intervals.
- Digital Data transmission for zero error data recording
- Digital communication: MODBUS Protocol on RS485 for Controller / SCADA system

## TECHNICAL SPECIFICATIONS

<b>Display</b>	: 3 rows of High Brightness Non fading LED; User selectable 1, 2 or 3 Ch Display
<b>Input *</b>	: Voltage or Current
<b>Input ranges *</b>	: 0 to 1 or 10V / 0 to 5 or 1 to 5V / 4 – 20 mA DC on all Channels,
<b>Instrument Accuracy</b>	: $\pm 0.25\%$ FS + 1 digit
<b>Calibration</b>	: Software calibration for each channel
<b>Power</b>	: 12V to 28 V DC, 3 VA
<b>Dimensions</b>	: <b>Enclosure</b> : 112 Dia., 39mm deep, <b>Cover</b> 164 mm Dia

## OPTIONS:

<b>Alarms</b>	: Programmable for each Channel with LED annunciation
<b>Alarm Relay *</b>	: Common Alarm Relay, configurable for all Channels. <b>Max Load</b> : 0.5A @ 30 V DC

## SENSORS / TRANSMITTERS

Accepts sensors with 0-1V/0-10V/4-20mA

**Option:** In-build RH and Temperature Sensor : *RH Accuracy* :  $\pm 1.8\%$  ; *Temperature Accuracy*:  $\pm 0.3\text{ }^{\circ}\text{C}$

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CR1251IT REV.0 doc. Dtr: 021112