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CLEAN ROOM INSTRUMENTS

Pharmaceuticals

Food Processing

Manufacturing

Clean Rooms

Hospitals

HVAC

AI-CRM1-1 — Clean Room Monitor

Applications: Clean Room Monitor is designed to measure the vital parameters of Temperature, Humidity and Differential pressure in clean room applications. Clean room monitors comes with built-in sensors for all 3 parameters

Accuracy	± 0.3^{0}C for Temperature, ± 1.8%RH for Humidity, ± 0.5% F.S. for Differential Pressure
Power Supply	24VDC, 250mA
Display	3 Line 0.8 " Height 3 Digit, 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

Clean Room Monitor (External TRH Sensor) — AI-CRM3-1-1

Applications: Clean Room Monitor is designed to measure the vital parameters of Temperature, Humidity and Differential pressure in clean room applications. This Model comes with external sensor for Temperature, Humidity & Built-in sensors for differential pressure.

Accuracy	± 0.3^{0}C for Temperature, ± 1.8%RH for Humidity, ± 0.5% F.S. for Differential Pressure
Power Supply	24VDC, 250mA
Display	3 Line 0.8" Height 3 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

AI-CRM1 — Clean Room Monitor (Compact Size)

Applications: Clean Room Monitor is designed to measure the vital parameters of Temperature, Humidity and Differential pressure in clean room applications. This Model comes with built in sensors for all 3 parameters and its very compact in size.

Accuracy	± 0.3^{0}C for Temperature, ± 1.8%RH for Humidity, ± 0.5% F.S. for Differential Pressure
Power Supply	24VDC, 250mA
Display	3 Line 0.4" Height 4 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

Clean Room Monitor — AI-CRM3-1

Applications: Clean Room Monitor is designed to measure the vital parameters of Temperature, Humidity and Differential pressure in clean room applications. This model comes with external sensor for temperature, Humidity & Built in sensors for differential pressure and finds extensive use in Hospitals including OT's & Isolation Rooms.

Accuracy	± 0.5^{0}C for Temperature, ± 1.8%RH for Humidity, ± 0.5% F.S. for Differential Pressure
Power Supply	24VDC, 250mA
Display	3 Line 1" Height 4 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

Clean Room Scanners / Indicators

Compact Clean Room Scanner — AI-CRM3A-I

Applications: Clean Room Scanner is designed to measure the vital parameters of Temperature, Humidity and Differential pressure in clean room applications.

Accuracy	±0.1% F.S.D, ±1 Count
Power Supply	24VDC, 250mA
Display	3 Line 4 Digit 0.4" Height 7 Segment red LED Display
Input	Selectable Input for all 3 Channels (4 - 20 mA or 0 - 10 VDC)
Communication	RS485 Modbus RTU Communication (Optional)

Humidity Temperature Monitor — AI-RHTm

Applications: Humidity Temperature Monitor is designed to measure the vital parameters of Temperature & Humidity in clean room applications. Clean room Humi-Temp monitor come with Built-in sensors for Temperature & Humidity flushed to front plate.

Accuracy	± 0.3^{0}C for Temperature, ± 1.8%RH for Humidity,
Power Supply	24VDC, 250mA
Display	2 Line 0.8" Height 3 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

AI-RHT — Humidity Temperature Indicator (Compact Size)

Applications: Humidity Temperature Indicator is designed to measure the vital parameters of Temperature & Humidity in clean room applications. Clean room Humi - Temp Indicators come with Built-in sensors for Temperature & Humidity.

Accuracy	± 0.5 Deg.C for Temperature, ± 1.8%RH for Humidity,
Power Supply	24VDC, 250mA
Display	2 Line 0.4" Height 4 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

Differential Pressure Indicator - Compact size — AI-DP1

Applications: Differential Pressure Indicator is designed to measure the vital parameter of Differential pressure in clean room applications. Differential Pressure monitor with built in sensor & compact size.

Range	-100 to +100 Pascals/-500 to +500 Pascals/ -10.0 to +10.0 mm.W.C/-50.0 to +50.0 mm.W.C (optional any other)
Accuracy	± 0.5% F.S. for Differential Pressure
Power supply	24VDC, 250mA
Display	0.5" Height, 4 Digit 7 Segment red LED Display
Communication	RS485 Modbus RTU Communication (Optional)

AI-DPPG — Digital Differential Pressure Gauge

Applications: Digital Differential Pressure gauge are Digital Readout Magnehelic Gauge with Ibuilt-in Sensors suitable for Clean Room, AHU & Laminar air flow cabinets etc. Salient Feature include unit conversion at the press of a key between mm.W/c & Pascals

Display	Integrated 4 Digit Red LED 7 Segment Display 0.5"
Ranges	-100 to +100 Pascals/-500 to +500 Pascals/-10.0 to +10.0 mm.W.C/ -50.0 to +50.0 mm.W.C (optional any other)
Power Supply	24VDC, 250mA
Accuracy	± 0.5% F.S.
Communication	RS485 Modbus RTU Communication (Optional)
Size	Fits into Megnehelic® Gauge cutout sizes

Differential Pressure Indicator — DPLCD

Applications: Digital Differential Pressure gauge are Digital Readout Magnehelic® Gauges with built-in Sensors suitable for measurements of D.P. in Clean Room, AHU & Laminar air flow cabinets etc. Salient Feature include unit conversion at the press of a key between mm.W/C & Pascals

Display	Graphical LCD (128 x 64) White Backlight
Accuracy	+/-0.5% of Full Scale
Power Supply	24VDC, 250mA
Communication	RS485 Modbus RTU Communication (Optional)