



**INSTRUKART**

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# CLEAN ROOM INSTRUMENTS

Pharmaceuticals

Food Processing

Manufacturing

Clean Rooms

Hospitals

HVAC



## AI-CRM1-1

## Clean Room Monitor

Rs - 24,295 /-

**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°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)



Rs - 24,295 /-

## 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°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)

Rs - 20,175/-

**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°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)



Rs - 24,295 /-

## 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°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)

Rs - 10,735 /-

## 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**  
**Power Supply**  
**Display**  
**Input**  
**Communication**

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

Rs - 10,453 /-

## 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**  
**Power Supply**  
**Display**  
**Communication**

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

AI-RHT

## Humidity Temperature Indicator(Compact Size)

Rs - 10,453 /-

**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**  
**Power Supply**  
**Display**  
**Communication**

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



Rs - 10,622 /-

## 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**  
**Accuracy**  
**Power supply**  
**Display**  
**Communication**

-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)  
 ± 0.5% F.S. for Differential Pressure  
 24VDC, 250mA  
 0.5" Height, 4 Digit 7 Segment red LED Display  
 RS485 Modbus RTU Communication (Optional)

## AI-DPPG

## Digital Differential Pressure Gauge

Rs - 8,500 /-

**Applications:** Digital Differential Pressure gauge are Digital Readout Magnehelic Gauge with built-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

<b>Display</b>	Integrated 4 Digit Red LED 7 Segment Display 0.5"
<b>Ranges</b>	-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)
<b>Power Supply</b>	24VDC, 250mA
<b>Accuracy</b>	± 0.5% F.S.
<b>Communication</b>	RS485 Modbus RTU Communication (Optional)
<b>Size</b>	Fits into Magnehelic® Gauge cutout sizes



Rs - 9,800/-

## 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



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

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