Ace AI-RHT Clean Room Temperature Humidity Indicator

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Model AI-RHT

The Clean Room Humidity & Temperature Indicator is a classic monitor for the combination display of vital parameters of Temperature & Humidity in Clean Room Environments.

Designed for easy fitment onto modular clean room wall panels & also for brick walls (using wall concealed boxes) , it has a front flush stainless steel front plate for aesthetic blending onto clean room walls.

With standout features like in-built buzzer alarm for process violation alert & industry standard RS 485 Modbus Communication, the clean room humidity & temperature indicator makes it a must have for clean room monitoring of temperature & humidity in Pharma Clean Room, HVAC applications, green houses, BMS projects, etc.

Model AI-RHT

Technical Specifications :

| Sensor Type | : | 1) **Model AI-RHT** : Built In Polymer Capacitive Combination Sensor for Temperature & Relative humidity |
| | | 2) **Model AI-RHT1** : External Combination Humidity & Temperature Sensor in choice of Wall Mounting or Pipe Type Enclosures |

Range	:	1) -30.0 to +60.00C typical for Temperature (Other Ranges on request)
		2) 0.0 to 100.0%RH typical for Relative humidity Non Condensing
Communication	:	Optional RS 485 Modbus Protocol Communication for BMS/SCADA
Resolution	:	Fixed 0.1 for both Temperature & Relative humidity
Accuracy	:	1) ± 0.5 C for -30.0 to +60.0 Deg. C for Temperature
		2) ± 1.8% for 10 to 95% RH for Relative humidity
		+/-2% for all other ranges.
Display	:	2 X 4 Digit RED LED Display of Height 0.4"
		(1 Each for Humidity & Temperature)
Supply Voltage	:	24VDC / 200mA , Optional 230 VAC Adaptor Provided alongwith
Mounting	:	Clean Room Modular Wall Flush Mounting with Integrated Sensor/Optional Brick Wall Mounting
Cable Connection	:	Terminal Connectors for Power Input & Communication at Rear
Buzzer Alarm	:	Built – in Buzzer Alarm for Hi & Lo Alarm Limit Violation alert for humidity & temperature with Acknowledgement Key on front panel. Alarm Limits are front key programmable .
Dimension	:	80(W) X 55(H) X 35(D) in mm. (M.S. Powder Coated Back Body Enclosure) 110(W) x 90 (H) for Front Flush Stainless Steel Modular Plate
Cabinet	:	Stainless Steel Front Flush Plate for Clean Rooms, M.S. Powder Coated Body Enclosure for Modular Wall Fitment
Weight	:	350g. Approx.

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration