

**Ace Instruments** make **Room Temperature Monitor** is an economical Room Temperature Monitor which simultaneously measures, displays & alerts user about the critical parameter of temperature in IT Infrastructure facilities, clean rooms, pharmaceuticals, chemicals, Miscellaneous industries.

The Room Monitor has a wall mounting Display unit with single line 4 digit 7 Segment LED Display displaying the temperature of the Room.

The sensor is a wired sensor, with Standard wire length of 3 mtrs. Which Enables the display monitor to be placed Outside the room & the sensor can be placed Inside the room being monitored. The Room Temperature Monitor has an integrated programmable buzzer alarm for alerting in case of any deviation from customer specified temperature Low & High limits. The Buzzer Alarm can also be extended with a standard cable going up to 100 mtrs away from the Display unit to alert security / gate in case of alarm condition.



## SPECIFICATIONS

<b>Manufacturer</b>	: ACE Instruments
<b>Model 1</b>	: AI-TAM-1 (Temperature monitoring with Alarm only)
<b>Model 2</b>	: AI-RHTx-SMS/AI-RHTx-IoT (Humi-Temp Indicator with SMS, Email, Cloud IoT)
<b>Measuring Range</b>	: 0.0 ... 60.0 Deg. C
<b>Display</b>	: 4 Digits for Temperature , 0.8" Height , Red LED Display
<b>Accuracy</b>	: +/- 0.5 Deg. C +/- 1 count
<b>Cable Length</b>	: Connecting Cable , pre-wired 3 mtrs. Extension between display monitor & sensor
<b>Power Supply</b>	: 24 V.D.C. by way of 230 VAC , 50 Hz. Adaptor provided along-with
<b>Enclosure</b>	: Wall mounting type ABS Plastic Enclosure with Wall Bracket
<b>Buzzer</b>	: Output : 50 Decibels
<b>Alarm Type</b>	: In built buzzer for Low Limit & High Limit Exceed Alarms for Temperature limit violation alert
<b>Alarm Limit</b>	: Freely programmable from front key pad for both low & high
<b>Acknowledgement Key</b>	: Provided to re-set the alarm , thus avoiding continuous buzzer alarm . However, the Alarm LED continues to glow indicating limit violation alert of temperature
<b>Dimensions</b>	: 120(W) x 80(H) x 60(D) mm
<b>Calibration</b>	: Will be provided at no extra charges. Valid for 1 year
<b>Warranty</b>	: 12 Months Manufacturer warranty



**ACE INSTRUMENTS**

(An ISO 9001-2008 Certified Company)

Plot No.5-5-35-205/A, Shaktipuram, Industrial Estate Kukatpally,  
Prashantinagar, Hyderabad-500072, INDIA.

Phones: +91-40-23078848, 23078849

Email: sales@alwaysace.com | Website: www.alwaysace.com