

TEMPERATURE MONITOR

Ace Instruments make 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.



Model -AI-TAM-1

TECHNICAL SPECIFICATIONS

Manufacturer :	ACE Instruments
Model	AI-TAM-1 (Temperature monitoring with Alarm only)
Measuring Range	-50.0 to 200.0 Deg.C
Display	4 Digits for Temperature , Height , Red LED Display
Accuracy	+/- 0.5 Deg. C +/- 1 count
Cable Length	Connecting Cable , pre-wired 3 mtrs. Extension between display monitor & sensor
Power Supply	24 V.D.C. by way of 230 VAC , 50 Hz. Adaptor provided along-
Enclosure	Wall mounting type ABS Plastic Enclosure with Wall Bracket
Buzzer	Output : 50 Decibels
Alarm Type	In built buzzer for Low Limit & High Limit Exceed Alarms for Temperature limit violation alert
Alarm Limit	Freely programmable from front key pad for both low & high
Acknowledgement Key	Provided to re-set the alarm , thus avoiding continuous buzzer alarm . However, the Alarm LED continues to glow indicating limit violation alert of temperature
Dimensions	120(W) x 80(H) x 60(D) mm
Calibration	Will be provided at no extra charges. Valid for 1 year
Warranty	12 Months Manufacturer warranty

ACE INSTRUMENTS

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