

RELATIVE HUMIDITY (RH) AND TEMPERATURE INDICATOR

**Available Model:
PSI-RHT-1**

Relative humidity and temperature measurements are required extensively in Air Pollution Monitoring. The calibration procedures of NABL laboratories mandate measurement of relative humidity and temperature at operating conditions for all calibration procedures.

- Salient Features**

 - ☞ Measures Relative Humidity & Temperature
 - ☞ Microprocessor based Design
 - ☞ Excellent accuracy & Resolution
 - ☞ Panel mountable / Table Top
 - ☞ Backlit Alpha-numeric Display
 - ☞ Compact & Light weight



Model PSI-RHT-1 is a compact, panel mountable / table top instrument which comes handy in measurement of RH and temperature at any place any time with very good accuracy and resolution.

Model PSI-RHT-1 indicator utilizes a precision solid-state Rotronic make sensor probe and a compact alpha-numeric display unit for viewing the RH and temperature simultaneously. It permits the user to keep the probe open to the atmosphere for measurement RH and temperature of the operating conditions. Alternatively, the probe can be inserted in to any chamber to measure these parameters. The display indicator works on 5 VDC which is provided through an adaptor.

Detailed Technical Specifications:

Range	RH : 0 – 100 %	Temp. : - 40 to +60°C;
Accuracy	RH : ± 0.8 %	Temp. : . ± 0.2°C
Resolution	RH : 0.01%	Temp. : 0.01°C
Media	Air or non corrosive gases	
Display	32 character large alphanumeric LCD	
Power	230 V AC Mains ± 20% through 5 VDC Adaptor (Optional – Battery operated model with built-in Li-ion battery)	
Connections	Minishell 5 Pin male on display unit and matching 5 pin (female) on Probe	
Probe	1.2 Cms dia & 17 Cms length with about 2 meter cable	
Display Size	110 x 90 x 60 mm	
Weight	300 grams	

Related Products

Digital Barometric Pressure Indicator Model PSI-BPI1

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