

INTRODUCTION

The digital Humidity & Temperature Meter & Wet Bulb Temperature Dew Point temperature has been designed to combine the functions of Humidity Meter, Temperature Meter, Wet Bulb Temperature and Dew point temperature.

It is an ideal Humidity & Temperature Meter Instrument with scores of practical applications for laboratorial, industrial, Engineer and professional use.

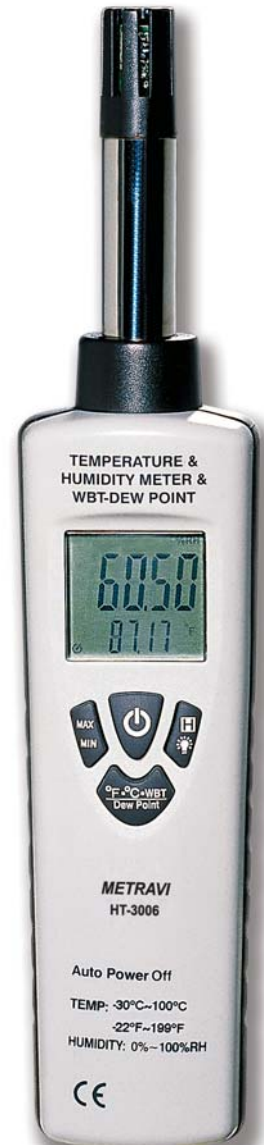
The Humidity & Temperature Meter is for use a humidity & temperature semiconductor sensor.

FEATURES

- Fast Response Time % RH: 10S (90% at 25°C still air)
- High Accuracy
- Dew Point Temperature (-30°C ~ 100°C/- 22°F ~ 199°F)
- Web Bulb Temperature (0°C ~ 80°C/32°F ~ 176°F)
- Resolution 0.01% RH, 0.01°C/0.01°F
- Max Hold and Data Hold Function
- Micro Processor-based Design
- Dual Display Temperature & Humidity
- Auto Power off, Disable Sleep Mode
- Backlight
- Mini Size
- Size (H*W*D): 225*45*34mm
- Weight 200g

SPECIFICATIONS

Display	Large 4-1/2 dual digital LCD display with backlight
Sensor Type	A single chip relative humidity and temperature multi sensor module comprising a calibrated digital output.
Response Time	% RH:10S (90% at + 25°C still air)
Accuracy Note	Accuracy is specified for the following ambient temperature range: 64 to 82°F (18 to 28°C)
Sampling Rate	2.5 samples per second
Polarity	Automatic, (-) negative polarity indication
Over-range	"OL" mark indication
Low Battery Indication	The "BAT" is displayed when the battery voltage drops below the operating level
Operating Conditions	32 to 104°F (0 to 40°C); <80% RH non-condensing
Auto Power Off	Meter automatically shuts down after approx 15 minutes of inactivity (Sleep Mode)
Power	One standard 9V, NEDA1604 or 6F22 battery
Dimensions/Wt	225 (H) x 45 (W) x 34 (D) mm/200g
Humidity / Temperature Measurement Range:	
Humidity	0% ~ 100% RH
Temperature	-30°C ~ 100°C, -30°F ~ 199°F
Resolution	0.01% RH, 0.01°C/°F



Humidity Accuracy ± 2% RH (at 25°C, 20% ~ 80% RH)
± 2.5% RH (at other ranges)

Note: The measuring range is from 0% to 100%, but above 80% and below 20% the deviation is not specified.

Air Temperature Accuracy ± 0.5°C / + 0.9°F (at 25°C)
± 0.8°C / + 1.5°F (all other ranges)

NOTE

Do not immerse the probe in liquid; it is intended for use in air only

*Technical Specifications & Appearance are subject to change without prior notice