

INTRODUCTION

This device measures relative humidity, air temperature (with probe), plus "K" type thermocouple wide temperature measurements. The large, easy-to-read backlit LCD includes primary and secondary displays plus numerous status indicators.

FEATURES

- Semiconductor sensor for temperature measurements of 0°C to 40°C and 32°F ~ 104°F plus type-K thermocouple wide temperature measurements of -20.0°C to 1000°C and -4.0°F ~ 1832°F
- Humidity measurement from 0.1% RH to 100.0% RH with 0.1% RH resolution and fast time response. (measuring range is from 0% to 100%, but above 98% and below 5% the deviation is not specified.)
- Fast response for Humidity measurement
- Data Hold and MAX Hold function
- Large dual digital LCD display with function indication

SPECIFICATIONS

Display	Dual LCD with Backlight and status Indicators
Sensor Type	1. Humidity : Precision capacitance sensor 2. Temperature : Themistor (probe) and type "K" thermocouple
Response Time	Probe Temperature and Relative Humidity: 3 minutes
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
Operating Conditions	32 to 122°F (0 to 50°C); 80% RH non-condensing
Storage Conditions	14 to 140°F (-10 to 60°C); <80% RH non-condensing
Power Supply	9V Battery with auto power off (after 10 minutes)
Dimensions / Weight	

Function	Range and Resolution	Accuracy
Humidity	5.0 to 98.0% RH	± 3.5% RH
Temperature (K-type) (probe accuracy not included)	-20.0 to 199.9 °C	± (3.0% reading + 4 °C)
	-20 to 1000 °C	
	-4.0 to 199.9°F	± (3.0% reading + 7 °F)
-4 to 1832 °F		



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