DATASHEET

Exotek Instruments

Thermo-Hygrometer
TH-610K

NEW !

Applications

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. Careful use of this meter will provide years of reliable service.

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. (The 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
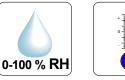- Large dual digital LCD display with function indication

Specifications

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	$\pm(3.0\%$ reading + 4°C)
	-20 to 1000°C	
	-4.0 to 199.9°F	$\pm(3.0\%$ reading + 7°F)
	-4 to 1832°F	

Operating Conditions:	32 to 104°F (0 to 40oC); < 80% RH non-condensing
Storage Conditions	14 to 140°F (-10 to 60°C); <80% RH non-condensing
Display:	Dual LCD with Backlight and status Indicators
Sensor Type:	Humidity: Precision capacitance sensor Temperature: Thermistor (probe) and type "K" thermocouple
Sampling Rate:	2.5 samples per second
Dimensions	225 (H) x 45 (W) x 34 (D) mm
Weight:	210 (g)
Battery	One 9V battery, NEDA1604 or 6F22

The Instrument is delivered with:
- 9V battery
- K-type probe
- Soft Case.

CE

0-100 % RH

F°/C°