

Handheld Temperature/Humidity Meter

- New compact hand held size
- Applying to duct measurements or harsh environment
- Quick response and high accuracy single input thermocouple and extend TRH probe
- Backlight function
- Hold function: Freeze current readings on LCD
- Max./Min./Avg.: Record since Powered on
- Auto power off
- Temperature unit switchable
- Off-line data logging 32,000 pts.



Overview

The HH414 is a low cost, high performance handheld temperature and humidity meter with data logging capability. It offers a four variable display to show the temperature and humidity from a handheld probe and a separate K type thermocouple connected via a standard SMP type miniature connector to the T2 input along with a real time clock. High and Lo alarms can be set to T1, T2, and RH inputs. The temperature/humidity probe uses a semiconductor and polymer capacitive sensor. Windows® based software for Windows XP or above and USB interface cables allow real time or recorded data to be read by a PC.

Specifications

Input	Single K + Remote Temp. RH
Remote Temp. Range	-20-60°C (-4-140°F)
Remote Temp. Accuracy	±0.6°C (1.2°F)
Remote RH Range	0.0-99.9%
Remote RH Accuracy	±2.5%(@25°C, <70%), others ±5%
Resolution	0.1°C/°F, 0.1%
K Temp. Range	-200-1370°C (-328-2498°F)
Function	Alarm setting, Max. Min. AVG. REL. Hold, T1 (Or Air T). Tripod mountable, APO
Backlight	Yes
Memory	Off-line 32,000 points
Temperature Coefficient	0.1 x accuracy spec. per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F)
Operating Temperature	0-50°C (32 to 122°F) at < 80% RH
Power	9V Battery/AC/DC adaptor (Option)
Dimension	Meter: 180 x 68.5 x 50 mm Temp. RH sensor probe: 180 x 12 x 10 mm with 1M cable