

Product DATASHEET

SuperHeat Psychrometer

Two Type K External Probe inputs for Superheat plus memory

Features:

- Superheat differential measurements:
T1-T2, Air-T1, T1-Dewpoint
- Dual Type K external temperature probe inputs (T1, T2)
- Simultaneous display of %RH, Temperature and Dew point or Wet Bulb or External Probe Temperatures
- Built-in RS-232 interface (optional RS-232 cable) — uses Windows® Hyperterminal to download data to a PC
- Memory stores up to 99 data records
- Retrieve Max/Min readings with data and time plus Average function
- Real time clock
- Triple display with backlighting
- Unique sensor cap design twists to closed position for protection during storage
- Switchable °F/°C temperature units with 0.1° resolution
- Data Hold freezes current reading on display
- Auto power off to save battery life
- RH350 complete with two Type K bead wire temperature probes and 4 AAA batteries
- Optional RH355 kit includes RH350, 33% and 75% calibration bottles, PC cable, and carrying case



RH355 Superheat Psychrometer Kit includes meter, 33% and 75% calibration bottles, 2 temperature probes, RS-232 cable, 4 AAA batteries and carrying case.



Specifications:	Range	Max Resolution	Basic Accuracy
Humidity	10 to 90%RH	0.1% RH	±3% RH
Temperature (internal)	-4 to 122°F (-20 to 50°C)	0.1°	±1.8°F or ±1°C
Temperature (external)	-328 to 2498°F (-200 to 1370°C)	0.1°	±0.3% or ±1.8°F/±1°C
Dew Point	-90.4 to 122°F (-68.0 to 49.9°C)		
Wet Bulb	-6.9 to 122°F (-21.6 to 49.9°C)		
Dimensions	9x2.2x1.7 (230x57x44)		
Weight	5.3oz (153g)		

Ordering Information:

- RH350**SuperHeat Psychrometer
RH350-NISTSuperHeat Psychrometer with NIST certificate
RH355SuperHeat Psychrometer Kit
RH355-NISTSuperHeat Psychrometer Kit with NIST certificate
872501-SType K Temperature Probe (for Model RH350)
44470338% RH calibration reference
44470575% RH calibration reference
589250RS-232 cable

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