EXTECH®

PRODUCT DATASHEET

RH300
Digital Psychrometer

Compact meter is well-suited for field applications. Unique sensor cap closes for protection during storage. Simultaneously displays relative humidity, air temperature and dew point or wet bulb. Calculates T1-T2 differential (air temperature minus external probe temperature) using optional probe (TP890), and T2 minus dew point. Other features include Data Hold, Auto Power Off, and MAX/MIN reading.

Features

- Simultaneous display of %RH, Temperature and Dew point or Wet Bulb or Probe Temperature
- Wet bulb measurements without slinging
- Calculates T1-T2 differential (Air Temperature minus External Probe Temperature) using optional probe (TP890) and T2-Dew Point
- Unique sensor cap design twists to closed position for protection during storage
- Data Hold freezes current reading on display
- Max/Min readings
- Auto power off to save battery life
- Optional external temperature probe (TP890)
- Complete with 2 AAA batteries

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)	-4 to 158°F (-20 to 70°C)	0.1°	±1.8°F or ±1°C
Dew Point	-90.4 to 122°F (-68.0 to 49.9°C)	0.1°	
Wet Bulb	-6.9 to 122°F (-21.6 to 49.9°C)	0.1°	
Dimensions/ Weight	7 x 1.9 x 1" (178.5 x 48.4 x 24.7mm)/ 3.3oz (95g)		

RH300-CAL

TP890

Ordering

RH300 N ..... Digital Psychrometer
RH300-CAL..... 33% and 75% RH calibration reference
TP890 ..... Thermistor Temperature Probe

N *Indicates products that are available with optional calibration tr0aceable to NIST. Order with -NIST after part number.*

CE

RH300 UPC Code: 793950443002

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