

## RH305 Digital Psychrometer Kit

Digital psychrometer kit for humidity, temperature, and dew point readings



- Simultaneous display of %RH, Temperature and Dew point or Wet Bulb or Probe Temperature
- Unique sensor cap design twists to closed position for protection during storage
- Switchable °F/°C temperature units with 0.1° resolution
- Auto power off to save battery life
- Includes external temperature probe

### Description

The Digital Psychrometer Kit is a compact humidity and temperature meter with a built in probe that includes wet bulb and dew point measurements for quick assessment of air moisture content. The included digital psychrometer simultaneously displays % relative humidity, temperature and dew point or web bulb or probe temperature. The instrument was designed to allow wet bulb measurements without slinging. The psychrometer calculates T1-T2 differential (air temperature minus external probe temperature) using the optional temperature probe and T2-dew point.

The Digital Psychrometer Kit's psychrometer incorporates data hold and auto power off features. The psychrometer also stores minimum and maximum readings. The unit also allows the user to switch between °F and °C temperature units with 0.1° resolution. The instrument incorporates a unique sensor cap design that twists to a closed for protection during storage. The Digital Psychrometer Kit includes a RH300 psychrometer, external temperature probe, 33% and 75% calibration bottles, 2 AAA batteries and carrying case.

### Specifications

*Humidity:*

*Range:* 10 to 90%RH  
*Max Resolution:* 0.1%RH  
*Accuracy:* ±3%RH

*Temperature (internal):*

*Range:* -4 to 122°F (-20 to 50°C)  
*Resolution:* 0.1°  
*Accuracy:* ±1°F or ±0.6°C

*Temperature (external):*

*Range:* -4 to 158°F (-20 to 70°C)  
*Resolution:* 0.1°  
*Accuracy:* ±1°F or ±0.6°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:* 7x1.9x1" (178.5x48.4x24.7mm)

*Weight:* 3.3oz (95g)

### Options and Accessories

**RH305** Digital Psychrometer Kit

(Includes RH300 psychrometer, external temperature probe, 33% and 75% calibration bottles, 2 AAA batteries and carrying case.)

**RH300** Digital Psychrometer

(Includes 2 AAA batteries.)

**TP890** External Temperature Probe

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