

RH300 Portable Psychrometer

Portable psychrometer 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
- Optional external temperature probe

Description

The Portable Psychrometer is a 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 portable 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 Portable 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 Portable Psychrometer comes with 2 AAA batteries.

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

RH300 Portable Psychrometer
 (Includes 2 AAA batteries.)

TP890 Optional External Temperature Probe

Contact
 Global Water
 for all your
 instrumentation
 needs:

Water Level

Water Flow

Water Samplers

Water Quality

Weather

Remote Monitoring

Control