

## Digital Psychrometer

**External Probe Temperature measurements for differential**  
 Calculates T1-T2 differential (Air Temperature minus External Probe Temperature)

### 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
- Switchable °F/°C temperature units with 0.1° resolution
- Data Hold freezes current reading on display
- Max/Min readings
- Auto power off to save battery life
- RH300 complete with 2 AAA batteries
- Optional external temperature probe (TP890)
- Optional kit RH305 includes RH300, temperature probe, 33% and 75% calibration bottles, and carrying case



RH300-CAL Optional calibration salt bottles



RH305 Digital Psychrometer Kit includes RH300, 33% and 75% calibration bottles, temperature probe, and carrying case.



Unique sensor cap design  
 Twist to open or close sensor for storage.

| 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)     |                |                |
| Wet Bulb               | -6.9 to 122°F (-21.6 to 49.9°C)      |                |                |
| Dimensions             | 7 x 1.9 x 1" (178.5 x 48.4 x 24.7mm) |                |                |
| Weight                 | 3.3oz (95g)                          |                |                |

### Ordering Information:

- RH300 .....Digital Psychrometer
- RH300-NIST .....RH300 with Calibration Traceable to NIST
- RH305 .....Digital Psychrometer Kit
- RH305-NIST .....RH305 with Calibration Traceable to NIST
- RH300-CAL .....33% and 75% RH calibration reference
- TP890 .....Optional Thermistor Temperature Probe (for Model RH300)



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