

RHT80BT - Psychrometer with Dew Point/Wet Bulb and Bluetooth®

High-Resolution Sensor with Bluetooth Connectivity

The RHT80BT has Bluetooth connectivity capability to provide real-time data transmission to your mobile device through the MeterRead app. Measure and log temperature, humidity, dew point and wet bulb to keep an eye on the air quality in labs, greenhouses and warehouses.

Key Features:

- Displays Temperature, Humidity, Dew Point, and Wet Bulb
- Real-time Max/Min/Hold functions
- Large, backlit LCD for easy nighttime viewing
- Auto Power Off (15 min) with disable and Low Battery indication
- Bluetooth 4.0 data transmission to mobile via MeterRead app
- Manual offset calibration
- Includes 1 × 9V battery and a hard canvas carrying case

Applications:

- HVAC system diagnostics
- Cleanroom and lab environmental checks
- Greenhouse and agriculture monitoring
- Warehousing and cold storage logging
- Educational and research applications

Users:

- HVAC technicians
- Environmental monitoring professionals
- Indoor air quality specialists
- Laboratory and R&D staff
- Industrial maintenance teams

Specifications

Specifications	Range	Resolution	Accuracy
Temperature	-4°F to 140°F (-20°C to 60°C)	0.1°C / 0.1°F	±1.8°F (±1°C)
Relative Humidity	0 to 100% RH	0.1% RH	±3% RH
Dew Point	-14.8°F to 122°F (-26°C to 50°C)	0.1°C / 0.1°F	±0.9°F (±0.5°C)
Wet Bulb	-4°F to 122°F (-20°C to 50°C)	0.1°C / 0.1°F	±1.8°F (±1°C)
Bluetooth Version	Bluetooth 4.0 (Low Energy)		
Power Supply	9V battery (6F22 or NEDA 1604)		
Dimensions	11 × 2 × 1" (279 × 51 × 25mm)		
Weight	0.65lb (295g)		

Ordering Information

RHT80BT Psychrometer with Dew Point / Wet Bulb
RHT80BT-NIST Psychrometer with Dew Point / Wet Bulb with Certificate Traceable to NIST

For more information about
RHT80BT, please scan or click:



Compatible with the
Triplett MeterRead
mobile app for live
Bluetooth graphing,
datalogging & export.



Imagery for illustration purposes only. Specifications subject to change without notice.
Copyright © 2026 Triplett Test Equipment & Tools. All rights reserved. RHT80BT_DS_en-US_LTR. Revised: 2026-04-29