



Accurately measure relative humidity, ambient temperature, and dew point with precision. It features a backlit LCD display, data storage for 999 readings, and user-adjustable alarms.

Features

- Measures relative humidity, ambient temperature and dew point/wet bulb temperatures
- Backlit LCD simultaneously displays selected temperature and relative humidity
- User selectable, °F or °C
- Data Hold and MAX/MIN functions
- User adjustable alarms with visual indicators
- User selectable sampling rate
- Manual and auto data storage
- Internal memory stores up to 999 groups of data
- View stored data, charts or real-time measurement with software
- Low battery indicator and auto shut-off
- Includes soft carrying case, USB cable and batteries

Specification

Temperature

Measuring Range: -4 to 158°F (-20 to 70°C)
Accuracy: ±0.5°F (0.3°C)
Resolution: 0.1°F/°C

TECHNICAL DATA

Dew Point

Measuring Range: -109 to 158°F (-78.2 to 70°C)
Accuracy: ±1.4°F (0.8°C)
Resolution: 0.1°F/°C

Humidity

Measuring Range: 0 to 99.9% RH
Accuracy: ±2% RH
Resolution: 0.1% RH

General Specifications

Display:	LCD
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes
Max:	Yes
High/Low Alarms	Yes (visual)
Alarm Indicators	High (red), Low (blue)
Belt Clip	Yes
Datalogging Capabilities	Yes
Real-Time Clock and Date Stamp	Yes
Selectable Sampling Rate	Yes (1 sec to 59 mins and 59 secs)
Auto Shut-off	Yes (on/off, 5-60 mins)
Low Battery Indicator	Yes
Power Supply	4x AAA Batteries or USB-C
Internal Memory	Yes (Up to 999 groups)
PC Connectivity	USB Cable (Type-C)
Software	Yes (download from website)
Software OS Compatibility	Windows 7/8/10/11
Product Certifications	CE, ROHS
Operating Temperature	-4 to 158°F (-20 to 70°C)
Storage Temperature	14 to 140°F (-10 to 60°C)
Operating Humidity Range	0-99.9%
Dimensions	6.1 x 1.97 x 1.1" (155 x 50 x 28mm)
Weight	3.6oz (102g)

Model	Description
R6040	Psychrometer / Thermo-Hygrometer
CA-05A	Medium Soft Carrying Case
R6040-NIST	Psychrometer / Thermo-Hygrometer & NIST