

RHDL95 Temperature/Humidity/Dew Point Monitor with SD Card Datalogging

Simultaneously display/record temperature, humidity, dew point, and time



Key Features

Adjustable Sampling Rate

Customize data collection from every 1 minute up to 12 hours, optimizing for short-term tests or long-term monitoring.

Programmable Alarms

Set high/low thresholds for temperature, humidity, and dew point. Audible and visual alarms alert users to out-of-range conditions.

Real-Time Clock & Calendar

Automatically time-stamps data for accurate historical tracking.

Min/Max Recording with Timestamps

Automatically captures the highest and lowest readings, complete with date and time for each.

SD Card Data Logging

Easily transfer data to your PC in .txt format for further analysis or recordkeeping.

Flexible Power Options

Operates on 3 AA batteries (not included) or a universal AC adapter (included with US/UK/EU/AU plugs).

Compact and Lightweight

Measures 4.3 x 3.6 x 1.2" (110 x 91 x 30mm) and weighs just 7 oz (200g)—ideal for portable use.

Optional Model

Complete with Certificate of Traceability to N.I.S.T.

Includes

SD Card, (3) AA batteries, and Universal AC adapter (US/UK/EU/AU plugs)

Users

- Facility Managers
- HVAC Technicians
- Researchers and Lab Technicians
- Educators and Students
- Curators and Archivists
- Greenhouse Operators



Applications

Pharmaceutical

Monitoring temperature and humidity in storage rooms

HVAC and Building Systems

Checking system efficiency and air quality

Museums & Archives

Maintaining ideal conditions for artifacts

Agriculture

Greenhouse and crop storage environment tracking

Education & Research

Environmental experiments in classrooms/labs

Manufacturing & Warehousing

Ensuring compliance in climate-sensitive storage

IT/Data Centers

Monitoring server room conditions

RHDL95 Temperature/Humidity/Dew Point Monitor with SD Card Datalogging

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The RHDL95 Temperature/Humidity/Dew Point Monitor offers a reliable and convenient solution for long-term environmental monitoring in indoor settings. With adjustable sampling intervals, programmable high/low alarms, and real-time Min/Max data logging, it ensures users can accurately track and respond to changes in temperature, humidity, and dew point. The built-in SD card enables easy data transfer to a PC in text format, eliminating the need for manual recordkeeping. Powered by batteries or an included universal AC adapter, and equipped with a compact, lightweight design, the RHDL95 is ideal for professionals who need dependable, portable monitoring across a range of controlled environments.

Specifications

Temperature	14 to 158°F (-10 to 70°C)
Accuracy	±1.8°F/1.0°C
Relative Humidity	0 to 99.9%RH
Accuracy	±3.0%RH (10 to 90%) ±5%RH (0 to 9%/91 to 99.9%)
Dew Point	-4 to 158°F (-20 to 70°C)
Resolution	0.1°F/°C; 0.1%RH
Sampling Intervals	1 to 720 minutes
PC Interface	SD Card
Power	Universal AC Adapter & (3) AA Batteries (included)
Dimensions / Weight	4.3 x 3.6 x 1.2" (110 x 91 x 30mm) / 7oz (200g)

Ordering Information:

RHDL95 Temperature/Humidity/Dew Point Monitor with SD Card Datalogging

RHDL95-NIST RHDL95 including Certificate of Traceability to N.I.S.T.

What's in the Box?

SD Card

(3) AA batteries

Universal AC adapter (US/UK/EU/AU plugs)

