## RHT50 Humidity/Temperature/Pressure Datalogger

**Records up to 10,000 readings of Humidity, Temperature and Pressure**
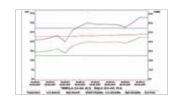- USB interface for easy set-up and data download
- Selectable data sampling rate from 1 minute to 18 hours
- User-programmable Min/Max alarm thresholds
- Manual and Programmable start modes
- Status Indication via Red/Yellow LED and Green LED
- Includes 3.6V Lithium battery, mounting bracket, and Windows® compatible analysis software; 1 year warranty

| SPECIFICATIONS | RANGE | MAX RESOLUTION | BASIC ACCURACY |
|---|---|---|---|
| Temperature | -40 to 158°F (-40 to 70°C) | 0.1°F/°C | ±1.8°F/ ±1.0°C |
| Humidity | 0 to 100%RH | 0.1%RH | ±3.5%RH |
| Air Pressure | 13.7 to 15.2psi, 950 to 1050hPa, 95 to 105kPa, 0.9 to 1.0bar | 0.1 | ±0.25% FS |
| Datalogging interval | 1 second to 18 hours | | |
| Memory | 10,000 points | | |
| Dimensions/Weight | 5.1x1.1x0.98" (130x30x25mm)/ 1oz (20g) | | |

| ORDERING | | |
|---|---|---|
| RHT50 | Humidity/Temperature/Pressure Datalogger | $159.99 |
| 42299 | 3.6V Lithium Battery (pk of 2) | $31.99 |

Monitors Humidity, Temperature and Air Pressure levels in clean rooms, warehouses, storage rooms, freezers, shipping vans, and water damage restoration. USB connector easily plugs into a computer for data analysis

## RHT10/TH10 Humidity and Temperature USB Dataloggers

**Two models to choose from, with USB interface for easy data download**
- **Model RHT10** datalogs 16,000 Temperature/ 16,000 RH readings; Dew point indication via Windows® compatible software; Optional RHT10-SW software for RHT10 to calculate Grains Per Pound (grams per kilogram) to 1120GPP (160g/kg)
  **Model TH10** datalogs 32,000 Temperature readings
- Selectable data sampling rate: 2 seconds to 24 hours
- User-programmable alarm thresholds for RH and Temperature
- Humidity: 0 to 100%RH (Model RHT10 only), Accuracy: ±3%RH; Temperature: -40 to 158°F (-40 to 70°C), Accuracy: ±1.8°F/1°C
- 1yr battery life; Dimensions: 5.1x1.1x0.9" (130x30x25mm)/Wt: 1oz (20g)
- Includes 3.6V Lithium battery, protective USB cap, mounting bracket, and Windows® compatible software for analysis; 1year warranty

| ORDERING | | |
|---|---|---|
| RHT10 | Humidity and Temperature USB Datalogger | $89.99 |
| RHT10-SW | GPP (g/kg) Software for RHT10 | $20.99 |
| TH10 | Temperature USB Datalogger | $56.99 |
| 42299 | 3.6V Lithium Battery (pk of 2) | $31.99 |

Monitors Temperature & Humidity (RHT10) levels. USB plugs into a PC for data analysis with software

42299 — Replacement long lasting Lithium batteries

## RHT20 Humidity and Temperature Datalogger

**Datalogs 16,000 Humidity and 16,000 Temperature readings**
- USB interface for easy setup and data download to a PC
- Dew point indication via Windows® compatible software (included)
- Selectable data sampling rate: 1 second to 24 hours
- User-programmable alarm thresholds for RH and Temperature
- LCD displays current readings, Min/Max, and alarm status
  Humidity: 0 to 100%RH, 0.1%RH resolution, Accuracy: ±3%RH; Temperature: -40 to 158°F (-40 to 70°C), 0.1°F/°C resolution, Accuracy: ±1.8°F/1°C
- 3 month battery life; Dimensions: 3.7x1.9x1.2" (94.4x48.9x31.2mm)/Wt: 3.2oz (90.7g)
- Complete with 3.6V Lithium battery, mounting bracket with combination lock, and Windows® compatible analysis software; 1 year warranty

| ORDERING | | |
|---|---|---|
| RHT20 | Humidity and Temperature Datalogger | $139.99 |

Monitors Humidity & Temperature levels in warehouse, storage rooms, freezers, shipping vans, and offices. USB connector easily plugs into a computer for data analysis.

CALIBRATION TRACEABLE TO **NIST**

## RH520A Humidity and Temperature Chart Recorder

**Best value graphical datalogger in the market that's easy to set up & operate**
- Simultaneous numerical & graphical display of Humidity (10.0 to 95.0%) and Temperature (-20.0 to 140.0°F /-28.0 to 60.0°C) readings, plus Time and Date
- Basic Accuracy: ±3% Relative Humidity; ±1.8°F (±1°C)
- Includes LabView™-based software calculates and graphs Dew Point, Wet Bulb, and GPP (grains per pound))
- Large dual graphical LCD displays with adjustable vertical and horizontal resolution
- Internal memory records up to 49,000 data points and can be transferred to a PC
- Audible and visual alarm with Hi/Low setpoints
- Output socket used with optional external alarm module
- Dimensions: 5x7.7x0.9" (129x195x22mm); Weight: 12.6oz (357g)
- Complete with built-in stand, detachable probe with 3ft (1m) cable, RS-232 cable, RS-232 to USB adaptor, PC software, 100-240VAC 50/60Hz adaptor, and 3 AA batteries; 1 year warranty

| ORDERING | | |
|---|---|---|
| RH520A **N** | Humidity+Temperature Chart Recorder (110V adaptor) | $299.99 |
| RH520A-220 **N** | Humidity+Temperature Chart Recorder (220V adaptor) | $299.99 |
| RH520A-240 **N** | Humidity+Temperature Chart Recorder (240V adaptor) | $299.99 |
| RH522 | Replaceable Humidity/Temperature Probe | $79.99 |
| SL123 | AC Alarm Relay Module 9ft (3m) cable | $114.99 |
| SL124 | DC Alarm Relay Module 9ft (3m) cable | $114.99 |

Watch the *Video* www.extech.com/video

PC software included

## 42280 Humidity and Temperature Datalogger

**Records up to 16,000 readings with USB interface for downloading to a PC**
- Programmable from keypad or PC, Selectable data sampling rate, and User programmable audible and visual alarms
- Measurement ranges: 0 to 100% RH and -4 to 144°F(-20 to 70°C); Resolution: 0.1%RH, 0.1°F/°C; Basic accuracy: ±3% RH, ±1°F /0.6°C
- Dimensions/Weight: 4.75x3.5x1.5" (120.7x88.9x38.1mm)/ 5.7oz (163g)
- Complete with Windows® compatible software, USB cable, 110V AC adaptor, and four AA batteries; 1 year warranty

| ORDERING | | |
|---|---|---|
| 42280 | Temperature and Humidity Datalogger | $219.99 |
| RH300-CAL | 33% and 75%RH Calibration Kit | $59.99 |

## 42275 Humidity and Temperature Datalogger Kit

**Compact, powerful and easy to use with USB interface**
- Water resistant Humidity (0 to 100% RH ) and Temperature (-40 to 185°F / -40 to 85°C) Datalogger Kit records up to 16,000 readings (8,000 readings/parameter)
- Resolutions: 0.1%RH, 0.1°F/°C; Basic accuracy: ±3%RH, ±1°F (±0.6°C )
- Real time clock with date and time and Logs data for days, weeks or months
- Three start methods: Scheduled, immediate or magnetic
- Multiple Dataloggers (42270) can be programmed and data downloaded from one single docking station
- Programmable sampling rate from 1sec to 12hrs plus Hi/Lo limits with alarm indication
- 42275 — 4.9x3.8x2" (123.8x95.3x51mm); 9oz (254g)
- 1 year warranty

42299 — Replacement long lasting Lithium batteries

| ORDERING | | |
|---|---|---|
| 42275 | Humidity/Temperature Datalogger Kit with PC Interface | $179.99 |
| 42270 | Humidity/Temperature Datalogger for 42275 | $109.99 |
| 42299 | Replacement 3.6V Lithium batteries (2pk) | $31.99 |

Kits Include Windows® XP, Win 7, and Win 8 compatible software and docking station 42275 — includes one 42270 datalogger.

80  **N** Indicates products that are available with optional calibration traceable to **NIST.** *See page 160 for a complete listing.*

*For the name of your local stocking distributor, visit* **www.extech.com** 81