

Paperless Humidity & Temperature Chart Recorder

Now with USB adaptor & 49,000 readings memory



Easy-to-use paperless chart recorder with remote sensor and 49,000 readings memory. An RS 232 interface and RS 232 to USB adaptor allow data transfer to a PC. Ideal to monitor and record temperature and humidity conditions and history in controlled environments, laboratories, clean rooms, storage and other critical areas.

- Simultaneous numerical and graphical display of Humidity and Temperature readings
- Measures Humidity (10 to 95%RH) and Temperature (-28.0°C to +60.0°C), calculates Dew Point
- Large 120 x 75mm backlit LCD display with adjustable graphical resolution and push-button keypad
- Display indicates time, date, percentage of memory remaining and battery status
- Up to 49,000 data points internal memory and RS-232 interface for data transfer
- User-programmable recording intervals can be set from 0.1 minute (6 seconds) to 199.9 minutes
- Easy to scroll through recorded data
- Detachable probe extends up to 1 metre for measurements in closed environments (probe can be replaced as separate item and does not require recalibration)
- Audible and visual alarms with high and low limits
- Easy viewing with swivel keypad for freestanding use or keyways for wall mounting
- LabVIEW-based software for MS Windows allows data transfer to PC, graphical display and export as csv files to MS Excel for data analysis

• **Supplied with detachable probe with 1m cable, RS 232 cable, RS 232 to USB adaptor, LabVIEW data download software, AC/DC power adaptor and batteries**

• **Optional Calibration Certificate available**

ACAL-HT Calibration Certificate - Issued at 2 Temperature points: 20°C & 40°C and 2 RH Points: 35% & 75% @20°C. (Additional points are available if required. These must be specified at the time of order. Please call for price and details.)

ARH-520 Paperless Humidity & Temperature Chart Recorder

Technical Specifications

Temp Range	-28° to 60°C
Humidity Range	10 to 95% RH
Accuracy	±1°C, ±3% RH
Power	3 x 1.5V AA batteries or AC adaptor
Dimensions	127 x 196 x 23mm
Weight	357g