

## RH520A Humidity + Temperature Chart Recorder



This paperless chart recorder provides simultaneous digital and graphical display of %RH and Temperature or Dew Point. The display also shows date/time and Min/Max measurements. Stored readings can be recalled on the display or downloaded to a PC. ExChart PC software is included for download control and to graph %RH, Ambient Temperature, Dew Point, Wet Bulb, and GPP or g/kg. Provisions for wall mounting or the control panel swivels to act as a desk stand. The user can set audible and visual alarms with High and Low limits for Humidity and Temperature.



### Features

- Simultaneous numerical and graphical display of Humidity and Temperature or Dew Point readings, plus Time & Date
- Measures Humidity (10 to 95%RH) and Temperature (-20.0°F to 140.0°F) plus included ExChart software to calculate and graph Dew Point, Wet Bulb, and GPP (grains per pound)
- Large dual graphical LCD displays with adjustable vertical and horizontal TAC resolution
- Internal memory records up to 49,000 data points and can be transferred to a PC for further data analysis
- LCD indicates percentage of memory remaining
- Replaceable probe does not require recalibration
- Detachable probe extends up to 1 meter for measurements in closed environments
- Audible and visual alarm with Hi/Low setpoints
- Output socket used with optional external alarm module
- Scroll the cursor to display selected data recorded
- Desk or wall mount
- Complete with built-in stand, detachable probe with 3ft (1m) cable, RS-232 cable, USB adaptor, Windows® compatible software, AC adaptor, and 3 AA batteries

Specifications	Range	Basic Accuracy
Relative Humidity	10.0 to 95.0%	±3% RH
Temperature	-20.0 to 140.0°F (-28.0 to 60.0°C)	±1.8°F (±1°C)
Dimensions	5 x 7.7 x 0.9" (129x195x22mm)	
Weight	12.6oz (357g)	

### Ordering

- RH520A **N**\* .....Humidity + Temperature Chart Recorder
- RH520A-220 **N**\* .....Humidity + Temperature Chart Recorder (220V)
- RH520A-240 **N**\* .....Humidity + Temperature Chart Recorder (240V)
- RH522 .....Replaceable Humidity/Temperature Probe

**N**\* Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.



RH520A UPC Code: 793950445204  
 RH520A-220 UPC Code: 793950442203  
 RH520A-240 UPC Code: 793950442401