

## Humidity + Temperature Chart Recorder



### Best value graphical datalogger in the market

User friendly, easy to set up and operate

#### Features:

- Simultaneous numerical and graphical display of Humidity and Temperature readings, plus Time and Date
- Measures Humidity (10 to 95%RH) and Temperature (-20.0°F to 140.0°F) plus included 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 TAC resolution
- Internal memory records up to 49,000 data points and can be transferred to a PC via RS-232 serial port 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, RS232 cable, RS-232 To USB Adaptor, LabView-based PC software, 100-240VAC 50/60Hz adaptor, and 3 AA batteries



#### Applications:

- Monitor and record Laboratory or clean Room temperature and humidity history
- Record process conditions
- Generate warning when conditions are outside required limits
- Monitor controlled environment areas such as freezers, storage areas and other critical areas
- Store humidity and temperature historical data for report generation

#### Specifications

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

#### Ordering Information:

RH520A.....Humidity + Temperature Chart Recorder w/universal adaptor  
 RH520A-NIST .....RH520A with NIST Certificate  
 RH520A-220 .....Humidity + Temperature Chart Recorder (220V)  
 RH520A-220-NIST .....Humidity + Temperature Chart Recorder (220V)  
 RH520A-240 .....Humidity + Temperature Chart Recorder (240V)  
 RH520A-240-NIST .....Humidity + Temperature Chart Recorder (240V)  
 RH522 .....Replaceable Humidity/Temperature Probe  
 SL123 .....AC Alarm Relay Module 9ft (3m) cable  
 SL124 .....DC Alarm Relay Module 9ft (3m) cable

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