EXTECH®
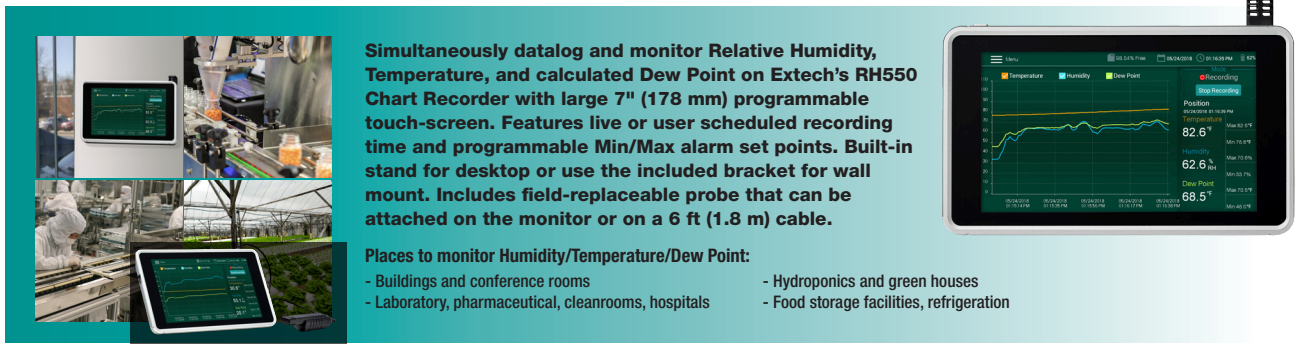
RH550 Humidity/Temperature Chart Recorder with Touch-Screen

Simultaneously datalog and monitor Relative Humidity, Temperature, and calculated Dew Point on Extech's RH550 Chart Recorder with large 7" (178 mm) programmable touch-screen. Features live or user scheduled recording time and programmable Min/Max alarm set points. Built-in stand for desktop or use the included bracket for wall mount. Includes field-replaceable probe that can be attached on the monitor or on a 6 ft (1.8 m) cable.

Places to monitor Humidity/Temperature/Dew Point:
- Buildings and conference rooms
- Laboratory, pharmaceutical, cleanrooms, hospitals
- Hydroponics and green houses
- Food storage facilities, refrigeration

Features

- Large 7" (178 mm) high-resolution color TFT LCD (1024 x 600 pixels) with display zoom feature, interactive touch-screen menu, and screen capture capability with finger swipe
- Simultaneous numerical and graphical display of real-time Humidity, Temperature and Dew Point readings, plus Time and Date in Live Mode
- Internal 16 GB memory for capturing up to 20,000 data points in CSV format that can be transferred to a computer via USB port
- User selectable 1 second to 24 hour sampling rate
- Audible and visual alarm with Hi/Low set points
- View recorded alarm values by date sorting or by temperature and humidity values
- Memory progress bar indicates used memory and percentage of free memory remaining
- Recall saved data files using History Mode
- MIN/MAX records minimum and maximum values for all 3 units of measure

- Field-replaceable probe does not require recalibration
- Probe can either be clipped directly onto the tablet or attached to a cable to extend up to ~6 ft (1.8 m) for measurements in closed environments
- Up to 3 probe cables (RH550-C) can be connected together (one is included)
- Desktop or wall mount
- Complete with built-in stand, wall mount bracket, detachable probe (RH550-P), 6 ft (1.8 m) probe cable (RH550-C), USB cable, Universal adaptor with multi-plugs (US, EU, UK, AU), and internal rechargeable Lithium Polymer battery

See next page for product specifications and ordering information

CE

RH550 UPC Code: 793950425510
RH550-P UPC Code: 793950425534
RH550-C UPC Code: 793950425527

Specifications	Range	Max Resolution	Basic Accuracy
Relative Humidity	10% to 95% RH	0.1% RH	±2.5% RH
Temperature (sensor directly attached to tablet)	14 to 104°F (-10 to 40°C)	0.1°	±0.9°F (±0.5°C)
Temperature (sensor attached to cable)	-4 to 176°F (-20 to 80°C)	0.1°	±0.9°F (±0.5°C)
Dew point (calculated)	-4 to 176°F (-20 to 80°C)	0.1°	
Internal Memory Storage	16 GB		
Sample Rate	1 sec to 24 hrs		
Extension Cable	Connect up to 3 cables (RH550-C)		
Dimensions	Tablet: 7.8 x 4.6 x 1" (198 x 118 x 25.7 mm) Viewable Screen: 7" (178 mm) RH550-P probe: 3.1 x 0.6 x 0.4" (79 × 15.8 × 10 mm) RH550-C cable: 8.3" (210 cm) includes length of connector and probe holder		
Weight	Tablet: 12.9 oz (365 g) Tablet with probe and cable: 15 oz (425 g) RH550-P probe: 0.4 oz (11.3 g) RH550-C cable: 1.7 oz (47 g)		

RH550-C
Extension Cable for RH550-P

RH550-P
Humidity/Temperature Probe

Ordering

RH550 .... Humidity/Temperature Chart Recorder with Touch-screen

RH550-P .... Humidity/Temperature Probe for RH550

RH550-C........... Extension Cable for RH550-P

(Note: Connect up to three RH550-C cables serially to the RH550 without sacrificing accuracy)