

PRODUCT DATASHEET

## RHT510 Hygro-Thermometer Psychrometer



Conveniently check the Humidity and Temperature conditions in residential and professional settings to ensure comfort and safety. The RHT510 is a Hygro-Thermometer Psychrometer that measures Relative Humidity, Temperature, Dew Point, and Wet Bulb. General purpose bead wire Type K probe is included for measuring Temperature up to ~480°F (250°C), while the meter can measure to 2372°F (1300°C) if used with other probes. Min/Max function stores and recalls highest and lowest readings. Additional features include: large LCD display with backlight, Data Hold and Auto power off with disable option.



### Features

- Measures Temperature (Air/Type K), Relative Humidity, Wet Bulb, and Dew Point
- Backlit LCD to view in dimly lit areas
- Data Hold and Min/Max functions
- Auto power off with disable
- Tripod mount (optional TR100 Tripod sold separately)
- Complete with wrist strap, general purpose Type K bead wire Temperature probe, and 3 AAA batteries

Specifications	Range	Max Resolution	Basic Accuracy
Temperature (Air)	32 to 122°F (0 to 50°C)	0.1°	±2.5°F (1.2°C)
Temperature (Type K)	-148°F to 2372°F (-100°C to 1300°C)	0.1°	±0.4% + 1.8°F (1°C)
Relative Humidity	10 to 95%RH	0.1%RH	±4%RH
Wet Bulb	22.2 to 120°F (-5.4 to 49.0°C)	0.1°	calculated
Dew Point	-13.5 to 120.0°F (-25.3 to 49.0°C)	0.1°	calculated
Dimensions	6 x 2.3 x 1" (153 x 58 x 25mm)		
Weight	5.6oz (160g)		

### Ordering

RHT510..... Hygro-Thermometer Psychrometer  
 TR100 ..... Tripod  
 TP870 ..... Type K Bead Wire Temperature Probe (-40 to 482°F/-40 to 250°C)  
 Visit [extech.com](http://extech.com) and go to accessories category for more temperature probe options



UPC Code: 793950441510