Psychrometer with Infrared Thermometer
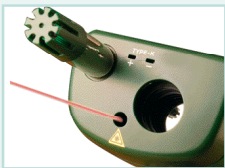
3-in-1 combination meter

Combines the functions of a Humidity Meter, Type K Thermometer, and InfraRed Thermometer for non-contact surface Temperature measurement
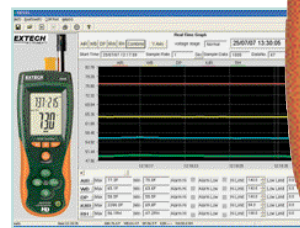
Features:

- Built-in InfraRed Thermometer for non-contact temperature measurement to 932°F (500°C) with 30:1 distance to target ratio

- Type K Temperature function for contact temperature measurement to 2501°F (1372°C)

- Highest 2% RH accuracy

- Heavy Duty rugged double molded housing with large triple LCD backlit display

- Auto power off

- USB port includes PC software

- Built-in self calibration utility allows for field calibrations using optional Relative Humdity calibration bottles (RH300-CAL)

- Includes Windows® compatible software with USB cable, Type K bead wire temperature probe (-58 to 482°F/-50 to 250°C), built-in stand, hard carrying case, and 9V battery

BUILT IN IR Thermometer

Patented

Patented non-contact InfraRed Thermometer technology built into a Hygro-Thermometer is perfect for Home inspection applications.

USB port includes PC Software

Specifications	Range	Basic Accuracy
InfraRed Thermometer	-58 to 932°F (-50 to 500°C)	±2% or ±4°F/2°C
Distance to Target Ratio	30:1	
Type K Temperature	-148 to 2501°F (-100 to 1372°C)	±(1% + 1°C)
Air Temperature	14 to 140°F (-10 to 60°C)	±(2% ±4°F/2°C)
RH Range	0 to 100%RH	±2%RH
Dew Point	-90.4 to 140°F (-68 to 60°C)	
Wet Bulb	-6.88 to 140°F (-21.6 to 60°C)	
Dimensions	10 x 2.9 x 2" (255 x 75 x 50mm)	
Weight	12.3oz (350g)	

Ordering Information:

HD500 ....Psychrometer with IR Temperature
HD500-NIST ..Psychrometer with IR Temperature w/NIST Certificate
HD500-NISTL Psychrometer with IR Temperature w/NISTL Certificate
NISTL - (Limited NIST): Product certified to all functions except IR Thermometer
RH300-CAL ....33% and 75%RH Calibration Bottles

11/15/07 - R1