

# Psychrometer + IR Thermometer with GPP (g/kg)

## 3-in-1 combination meter

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

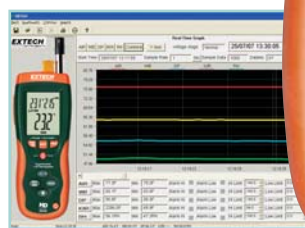
### Features:

- Water vapor in GPP (grains per pound)/g/kg (grams per kilogram)
- 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
- Includes Windows® compatible software with USB cable, Type K bead wire temperature probe, 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)	
Mixing Ratio	0 to 999GPP (0 to 160g/kg)	
Dimensions	10 x 2.9 x 2" (255 x 75 x 50mm)	
Weight	12.3oz (350g)	

### Ordering Information:

**HD550** .....Psychrometer with IR Temperature  
**HD550-NIST** ..Psychrometer with IR Temperature w/NIST Certificate  
**HD550-NISTL** Psychrometer with IR Temperature w/NISTL Certificate  
 NISTL - (Limited NIST): Product certified to all functions except IR Thermometer

