

Digital Psychrometer + InfraRed Thermometer

✓ Humidity, Wet bulb, Dew Point and Air Temperature
Plus IR for non-contact surface Temperature measurements

Features:

- Triple display with backlighting
 - View Air temp+RH+surface temp
 - View Dew Point+RH+surface temp
 - View Wet Bulb+RH+surface temp
- InfraRed Thermometer with
 - Built-in laser pointer
 - 8:1 distance to target ratio
 - Adjustable Emissivity from 0.3 to 1.0
- Precision humidity capacitance sensor is retractable for protection during transportation and storage
- Calculates T1 (IR Surface Temperature) - DP (Dew Point) differential
- Programmable Auto power off and Low battery indication
- Over-range/under-range alert indicator
- Built-in RS-232 interface for capturing readings on a PC
- RH401 complete with 4 AAA batteries and carrying case
- Optional RH405 kit includes meter, 33% and 75% calibration bottles, RS-232 cable, 4 AAA batteries and carrying case

BUILT IN IR
Thermometer 
Patented



Applications:

- Monitor Wet Bulb, Dew Point, Relative Humidity and Temperature in factories, clean rooms, offices, and greenhouses
- Non-contact InfraRed surface temperature measurements in hard to reach areas such as heating and air conditioning duct
- Humidity monitoring in schools, offices and manufacturing or storage areas



Specifications:	Range	Max Resolution	Basic Accuracy
Humidity	10 to 90%RH	0.1% RH	±3% RH
Temperature (internal)	-4 to 122°F (-20 to 50°C)	0.1°	±1.8°F or ±1°C
Temperature (external)	-328 to 2498°F (-200 to 1370°C)	0.1°	±0.3% or ±1.8°F/±1°C
Dew Point	-90.4 to 122°F (-68.0 to 49.9°C)		
Wet Bulb	-6.9 to 122°F (-21.6 to 49.9°C)		
Dimensions	9 x 2.2 x 1.7" (230 x 57 x 44mm)		
Weight	5.3oz (153g)		

Ordering Information:

RH401.....Digital Psychrometer + InfraRed Thermometer
 RH405.....Digital Psychrometer + InfraRed Thermometer Kit
 RH401-CAL.....33% and 75% RH calibration reference
 407752.....RS-232 PC cable and software for RH401



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more info for Extech RH401

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