RH390/RH490
Precision Hygro-Thermometer Psychrometers

Highest 2% RH accuracy with Fast 30 second Response Time

- Dual backlit display
- Simultaneous display of:
  - Humidity/Temperature
  - Humidity/Dew Point
  - Humidity/Wet Bulb
- Fast 30 second response time
- Slim design with rubberized sides for better grip and for one hand operation
- **Model RH490** measures Grains Per Pound (grams per kilogram) to 1120GPP (160g/kg)
- Complete with carrying case and 9V battery

HD500
Psychrometer + 30:1 InfraRed Thermometer

Combination Humidity meter, Type K thermometer, and InfraRed Thermometer

- Built-in IR Thermometer for non-contact surface temperature measurements
- Type K Thermometer for contact temperature measurement
- Highest 2% RH accuracy
- Large triple LCD backlit display
- USB port includes PC software
- Auto power Off
- Complete with general purpose Type K bead wire probe, PC software, USB cable, built-in stand, case, and 9V battery

SDL500 Hygro-Thermometer/Datalogger

Date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC

- Humidity, Temperature, Dew Point & Wet Bulb functions
- Selectable data sampling rate: 1 to 3600 seconds
- Manually store/recall up to 99 readings
- Large backlit dual LCD
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Includes 6 x AA batteries, SD card, case and Humidity probe; Optional Universal AC Adaptor UA100-240, also see p. 41 and 70 for optional Type K and J Thermocouple probes

Includes SD memory card

■ RH390 N | ▲ RH490 N	HD500 N	SDL500 N	SPECIFICATIONS
Capacitance	Capacitance	Capacitance	Sensor Type
-22 to 199°F (-30 to 100°C)	-90.4 to 140°F (-68 to 60°C)	-13.5 to 120.1°F (-25.3 to 48.9°C)	Dew Point
32 to 176°F (0 to 80°C)	-6.88 to 140°F (-21.6 to 60°C)	-6.9 to 122°F (-21.6 to 50°C)	Wet Bulb
0 to 100%RH (±2%RH)	0 to 100% (±2%RH)	5% to 95% (±3%RH)	Humidity (Basic Accuracy)
■ No | ▲ 0 to 1120 GPP (grains per pound); 0 to 160 g/kg (grams per kilogram)	—	—	Mixing Ratio
-22 to 199°F/-30 to 100°C (±1.8°F/1°C)	-14 to 140°F/-10 to 60°C (±4°F/±2°C)	32 to 122°F/0 to 50°C (±1.8°F/±1°C)	Internal Temperature (Basic Accuracy)
—	Type K: -148 to 2501°F/-100 to 1372°C (±3%)	Type K: -148 to 2372°F /-100 to 1300°C Type J: -148 to 2192°F/-100 to 1200°C ±(0.4% + 1.8°F/1°C)	External Temperature (Basic Accuracy)
—	-58 to 932°F/-50 to 500°C (±2% or ±4°F/±2°C)	—	IR Temperature (Basic Accuracy)
—	0.95 fixed	—	Emissivity
—	30:1	—	Field of View
—	Yes	—	PC Interface
—	—	Datalogs using 4GB SD memory card	Memory/Datalogging
Yes	Yes	Yes	CE approved
7.8x1.7x1.3" (200x45x33mm)/7oz (200g)	10x2.9x2" (255x75x50mm)/12.2oz (350g)	7.2x2.9x1.9" (182X73X48mm)/23oz (655g)	Dimensions/Weight
1 year	3 years	3 years	Warranty