

USB TEMPERATURE-HUMIDITY DATA LOGGERS – HT10, HT20, HT50

Ideal for monitoring temperature and humidity in enclosed spaces.

FEATURES:

- One button starts/stops data logging without a PC
- Plug-and-play USB 2.0 interface; no need for cables, cradles or docks
- Large storage capacity: 16,000 pairs of humidity and temperature readings
- 3-1/2-digit LCD displays real-time temperature and RH readings, device working status and “memory full” (HT20 and HT50 only)
- Built-in IR thermometer for checking temperature of vents and surfaces (HT50 only)
- Included software is used to set sampling time & Hi/Lo temp and RH alarm setpoints
- Software also calculates dew point and wet bulb temperatures, and mixing ratio as GPP (Grains per Pound) or GPK (Grams per Kilogram)
- One-click exporting of logs to Excel or Word
- Long battery life (up to one year)



APPLICATIONS:

- **Water damage restoration** — Units can be deployed and left in place over duration of the job to monitor the drying process
- **Process control** — Simpler, more cost-effective monitoring of office buildings, greenhouses, food and equipment storage facilities, wineries, freezers, shipping containers, HVAC/R installations, computer rooms, labs, libraries and museums
- **Electronics manufacturing** — Monitor and/or data log RH to control high-voltage static discharge

INCLUDES:

- Windows®-Compatible CurveViewer Software
- USB Extension Cable
- Battery
- User's Manual
- 1-Year Limited Warranty

UPC	NO.
01501 8	HT10
01503 2	HT20
01504 9	HT50
72015 8	BA10 Extra “1/2 AA” Battery (optional)



Monitor the drying part of water damage restoration



Monitor a climate-controlled food warehouse

SPECIFICATIONS

Model No.	HT10	HT20	HT50
Name	USB RH/Temp/GPP Data Logger w/LEDs	USB RH/Temp/GPP Data Logger w/LCD	USB RH/Temp/GPP Data Logger w/LCD & IRT
Temperature Measurement Range/Accuracy	-4° to 158°F (-20° to 70°C)/±1.8°F (1°C) from 14° to 104°F (-10° to 40°C); ±3.6°F (2°C) elsewhere in range		
Temperature Measurement Resolution	±0.2°F (0.1°C)		
RH Measurement Range/Accuracy	0 to 100%/±3% from 20 to 80%RH, ±3.5% elsewhere		
RH Measurement Resolution	0.1%		
GPP Measurement Range	0 to 1500 GPP (0 to 285g/kg)		
Internal Storage Capacity	16,000 pairs of RH & temp readings		16,000 pairs of RH & temp readings/10,000 RH & temp sets + IR readings
IRT Measurement Range	N/A		-4° to 482°F (-20° to 250°C)
IRT Measurement Accuracy/Resolution	N/A		±5°F (3°C) below 32°F (0°C); ±4°F (2°C) above 32°F/±0.2°F (0.1°C)
IRT Distance-to-Spot Ratio	N/A		2:1
IRT Emissivity	N/A		0.95 (fixed)
IRT Response Time	N/A		0.5 seconds
Laser Power	N/A		<1mW (Class 2)
Dimensions	4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)		4.92 x 1.69 x 0.91 in. (125 x 43 x 23mm)
Weight	<7 oz. (<200g)		
Power Source	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)		
What's Included	Battery, Software, USB Extension Cable, User's Manual		
Battery Life (typical)	1 year		
Limited Warranty Term	1 year		

