

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

Ideal for monitoring temperature and humidity in enclosed spaces.

- · 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)

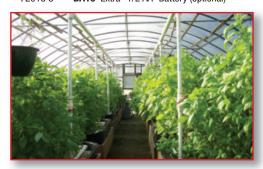
## **APPLICATIONS:**

- 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

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UPC	NO.
015018	HT10
01503 2	HT20
015049	HT50
72015 8	BA10 Extra "1/2 AA" Battery (optional)





SPECIFICATIONS				
Model No.	HT10	HT20	HT50	
Name	USB RH/Temp/GPP	USB RH/Temp/GPP	USB RH/Temp/GPP	
	Data Logger w/LEDs	Data Logger w/LCD	Data Logger w/LCD & IRT	
Temperature Measurement	-4° to 158°F (-20° to 70°C)/±1.8°F (1°C) from 14° to 104°F			
Range/Accuracy	(-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)			
GIT Measurement hange	16,000 pairs of RH 8			
Internal Storage Capacity	16,000 pairs of RH & temp readings		temp readings/10,000 RH	
			& temp sets + IR readings	
			-4° to 482°F	
IRT Measurement Range	N,	/A	(-20° to 250°C)	
IRT Measurement	N/A		±5°F (3°C) below 32°F	
Accuracy/Resolution			(0°C); ±4°F (2°C) above	
Accuracy/ Resolution			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	4.06 v.1.10 v.2.01 in /126 v.20 v.E1	4.92 x 1.69 x 0.91 in.		
Dimensions	4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)		(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			



Monitor the drying part of water damage restoration



Monitor a climate-controlled food warehouse



