USB Humidity-Temperature Data Loggers

HT10
HT20
HT50

Data Logger w/ LEDs (HT10)
Data Logger w/ LCD (HT20)
Data Logger w/ LCD + IRT (HT50)

These data loggers can be deployed on a job site or in key areas of a facility and left unattended for days, weeks or months. The temperature and humidity readings they make and collect can be uploaded to a PC and viewed in Excel, making it easy to spot trends and unexpected excursions.

No. HT10

No. HT20

No. HT50

Built-in IR THERMOMETER

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/temp to control high-voltage static discharge

Features & Benefits:

- One button starts/stops logging without a PC
- Units are setup on PC, but will not initiate data logging until user activates
- Automatically syncs to your computer's clock; no need to set date and time
- USB interface; no need for cables, cradles or docks
- Included interface software enables setting of: Sampling time from 10 seconds to 12 hours; Hi/Lo alarm setpoints for humidity and ambient temperature, Temperature unit (°F or °C)
- Software also calculates dew point
- Uploaded data logs viewable as table or graph
- One-click exporting of data logs to Excel or Word
- LCD displays real-time humidity and temperature readings and device working status (HT20 and HT50 only)
- IRT with 2:1 D:S ratio enables spot-checking of surface temperatures (HT50 only)

Includes:

Battery, Windows®-compatible Software, USB Extension Cable, User's Manual and 1 Year Warranty

Magnetic back for easy storage and deployment

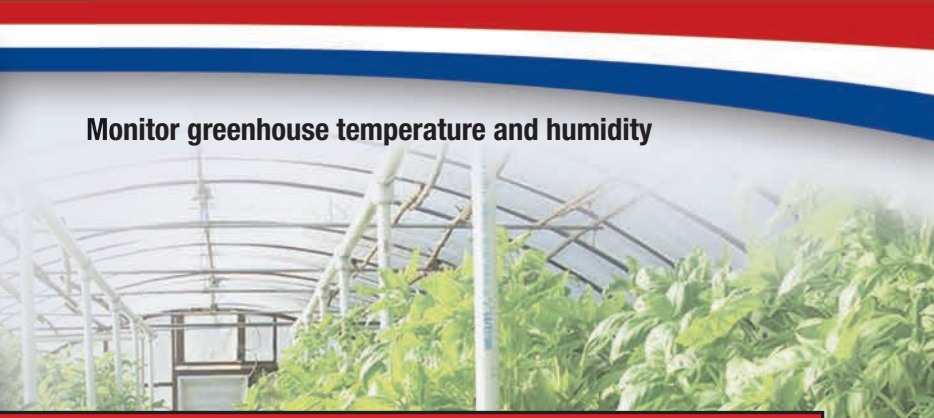
Monitor water damage restoration

USB Humidity-Temperature Data Loggers

No. HT10

No. HT20

No. HT50



Monitor greenhouse temperature and humidity

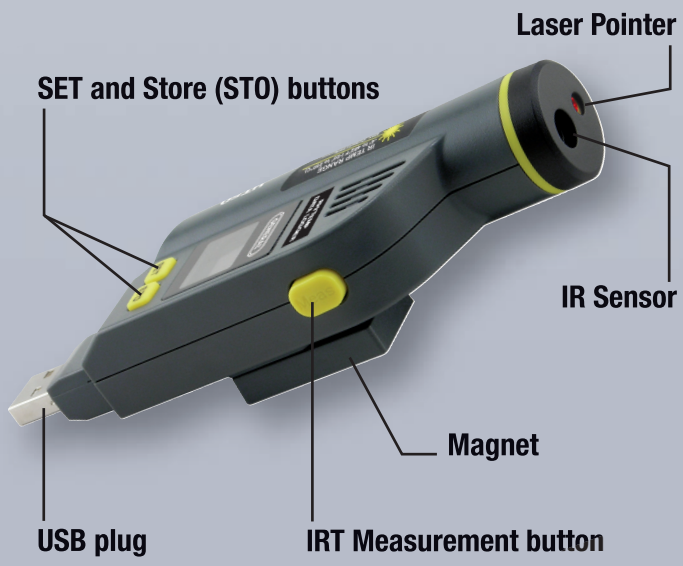
Specifications:

Model #	HT10	HT20	HT50
Name	USB Temperature-Humidity Data Logger	USB Temperature-Humidity Data Logger with LCD Display	USB Temperature-Humidity Data Logger with LCD Display and IR Thermometer
Temperature Measurement Range/Accuracy	-4° to 158°F (-20° to 70°C) ±0.7°F (0.4°C)	-4° to 158°F (-20° to 70°C) ±0.7°F (0.4°C)	-4° to 158°F (-20° to 70°C) ±0.7°F (0.4°C)
Temperature Measurement Resolution and Repeatability	±0.2°F (0.1°C)	±0.2°F (0.1°C)	±0.2°F (0.1°C)
Relative Humidity (RH) Measurement Range/Accuracy	10 to 90% ±3%	10 to 90% ±3%	10 to 90% ±3%
RH Measurement Resolution and Repeatability	±0.1%	±0.1%	±0.1%
Internal Storage Capacity	8,000 pairs of RH & temp readings	8,000 pairs of RH & temp readings	8,000 pairs of RH & temp readings
IRT Measurement Range	N/A	N/A	-4° to 482°F (-20° to 250°C)
IRT Measurement Accuracy	N/A	N/A	±5°F (3°C) below 32°F (0°C) ±4°F (2°C) above 32°F
IRT Measurement Resolution	N/A	N/A	±0.2°F (0.1°C)
IRT Distance-to-Spot Ratio	N/A	N/A	2:1
Emissivity	_	_	0.95 (fixed)
IRT Response Time	_	_	0.5 seconds
Dimensions	4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)	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)	<7 oz. (<200g)	<7 oz. (<200g)
Power Source	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)
What's Included	Battery, Software, USB Extension Cable, User's Manual	Battery, Software, USB Extension Cable, User's Manual	Battery, Software, USB Extension Cable, User's Manual
Battery Life (typical)	1 year	1 year	1 year
Warranty	1 year	1 year	1 year

Monitor the drying part of water damage restoration

Monitor a climate-controlled food warehouse

Monitor storage facility temperature and humdity



General Tools & Instruments
80 White Street, New York, NY 10013-3567
TEL: 212. 431. 6100 TOLL FREE: 800. 697. 8665
sales@generaltools.com www.generaltools.com

HT10/20/50SS Printed in USA 03/12