HDT-10CC Low Cost Cold Chain PDF Temperature Data Logger (Single-Use)

Easily monitor the temperature of your cold chain process and store up to 8192 readings with this single-use USB data logger. No additional software or USB drivers are required to program the data logger as they are all contained within the unit.

Simply plug the logger into a USB port of your computer, run the software to set parameters such as sampling interval, start delay and alarms, press the start key and place the logger into its IP65 pouch and then into the area to be monitored. Once completed, press the stop key, plug the logger back into your computer and a PDF report of results will be generated automatically.

An instruction manual and manufacturer's calibration certificate are also embedded in PDF format on each data logger.

- Easy to use
- Low cost single-use data logger with accurate thermistor sensor
- Large memory capacity: 8192 readings
- Plug and play (no software required)
- USB 2.0 connection interface
- Automatic PDF report generation at end of process (pdf viewer required)
- Fully programmable: language, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, username and password
- Password file encryption technology to secure data integrity
- Compact, light, IP65 waterproof and flat design
- 4 status LEDs: REC, Low Bat., High and Low temperature alarms
- "Mark" key to allow 8 markings during data gathering
- Summary, graph and detailed data list PDF report with serial number
- Embedded instruction manual and manufacturer's calibration certificate
- Software/manual languages: English, German, French, Italian, Spanish
- EN12830, FDA 21 CFR part 11 and RoHS compliance

Instructions also on back of data logger

IP65 protection in pouch

USB interface

DESPATCH — TRANSIT — DELIVERY

REPORT

Automatic PDF report generation

Manufacturer's Calibration Certificate
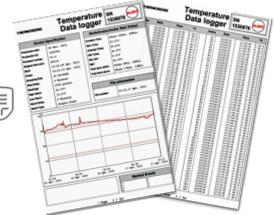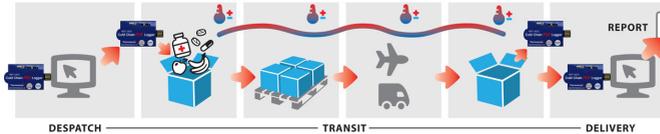
Technical Details

Temperature Range	NTC thermistor, -30°C to +70°C (-22°F to +158°F)
Temperature Resolution	0.1°C (0.1°F)
Temperature Accuracy	±0.5°C
Unit of Measurement	°C, °F
Logging Type	Single-use
Sampling Points	8192 readings
Shelf Life	12 months
Operating Temperature	-30°C to +70°C (whilst logging), room temperature in computer
Operating RH%	Humidity < 80%
Storage Temperature	-20°C to +50°C (-4°F to +122°F)
Storage RH%	Humidity < 90%
Battery	Internal 3.0V CR2032 (non-replaceable)
Battery Life	~12 months (depending on sampling rate)
Sampling Interval	30 seconds, 5, 10, 30, 60, 90, 120 minutes
Start Delay	0, 5, 30, 45, 60, 90, 120 minutes
Selectable Alarm Range	-20°C to -10°C, -10°C to 0°C, +2°C to +8°C, 0°C to +15°C, 0°C to +25°C, +15 to +25°C or Manual Alarm Range
Alarm Delay	0, 5, 30, 45, 60, 90, 120 minutes
Alarm Type	Single event, cumulative, disable
Operation Keys	2 keys: Start/Stop and Mark
LED Indicators	REC, Low Bat., High Alarm, Low Alarm
Connection Interface	USB 2.0
Certifications	EN12830, FDA 21 CFR part 11, RoHS compliance
Dimensions (unpouched)	73mm (L) x 33mm (W) x 2.5mm (D)
Dimensions (pouched)	105mm (L) x 51mm (W) x 2.5mm (D)
Weight	~13g

Please visit our website for latest software compatibility information

Easy setup with embedded software

order code	HDT-10CC