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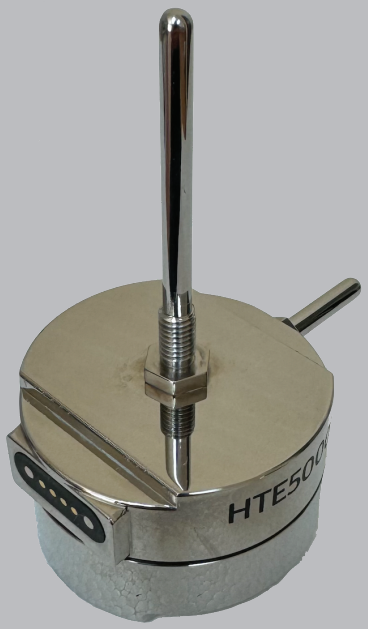
z1HT
High Temperature Data Logger

Food grade stainless steel
with temperature up to 130°C (266°F) and USB magnetic connector



Our new z1HT Temperature Data Logger is designed to meet the stringent requirements of both the food and pharmaceutical industries. Here's why it stands out:

High Accuracy Probes: Achieve precise temperature readings with our high accuracy probes, offering ±0.2°C accuracy within the range of -40°C to +130°C. Ideal for maintaining strict temperature controls necessary for food safety and pharmaceutical integrity.

Dual Temperature Probes: Equipped with two temperature probes, the z1HT can monitor both product and ambient temperatures simultaneously, ensuring comprehensive data collection for your applications.

Robust Construction: The z1HT features a waterproof, food-grade stainless steel housing, ensuring durability and safety in high-temperature and high-pressure environments. This robust construction makes it perfect for applications requiring a high degree of sterilization.

USB Magnetic Connector: Our innovative USB magnetic connector allows for seamless data transfer without the need to unmount the logger from its position. This feature simplifies the process of downloading data, making it convenient and efficient.

Plug & Play Device: The z1HT is a plug & play device that generates data files in multiple formats including PDF, CSV, TXT, and ZLG, making it easy to analyze and share your data.

Threshold Alarms: Manage up to four threshold alarms to ensure immediate alerts when temperature conditions deviate from your set parameters, providing an extra layer of protection for your products.

Versatile and Reliable: Whether you're monitoring temperature in food processing, storage, transportation, or in pharmaceutical environments, the z1HT provides dependable data logging.

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SPECIFICATIONS

Order code	z1H
Logger type	Single-use Temperature & Humidity Data Logger
Sensor	Digital Sensirion SHT31
Memory	45,568 records
Operating range	-40°C ~ +80°C (-40°F ~ +176°F) & 0 ~ 100%RH
Measuring range	-40°C ~ +80°C (-40°F ~ +176°F) & 0 ~ 100%RH
Accuracy	±0.3 °C over the complete measuring range ±2 %RH from 0% to 90%
Resolution	0.015 °C and 0.01 %RH
Time accuracy	±15 minutes / year
Buttons	2, Start & Stop
Start options	Manual start with or without delay Auto Start on date and time Auto Start on set temperature with or without delay
Stop options	Auto Stop after a set period Auto Stop on date and time Manual Stop
Marked readings	8x
Log interval	1 second to 24 Hours
Alarms	4, total and/or consecutive
Sensor response time	Better than 7 minutes (T90) in moving air.
Battery	Not replaceable
Battery life	Up to 1 year for a normal usage
Display	5 x LEDs blue, green, red
Connection/Interface	Direct to computer/USB Mass Storage Device
Auto generated files	ZLG, TXT, CSV, PDF (in all supported languages)
Export file types	ZLG, TXT, CSV, PDF
Software Support	zLoggManager
Compatibility	Windows, Mac OS X, Linux
Calibration	Individual calibration certificate per logger
Certificates	CE, RoHS
Dimensions	91.7 x 12.7 x 51mm
Weight	250g
Housing	Stainless Steel SUS 304
Protection class	IP67
Mounting thread:	M6
Security	Password protection
Warranty	1 year