



LVN CORPORATION

(A Complete Solution for Industrial & Health Care Products and Services)



Elitech®



Elitech 100,000 Points Digital Temperature
Humidity Data Logger Medical Refrigerator
Thermometer Vaccine Fridge Temperature Monitor
Max Min Average Value GSP-8



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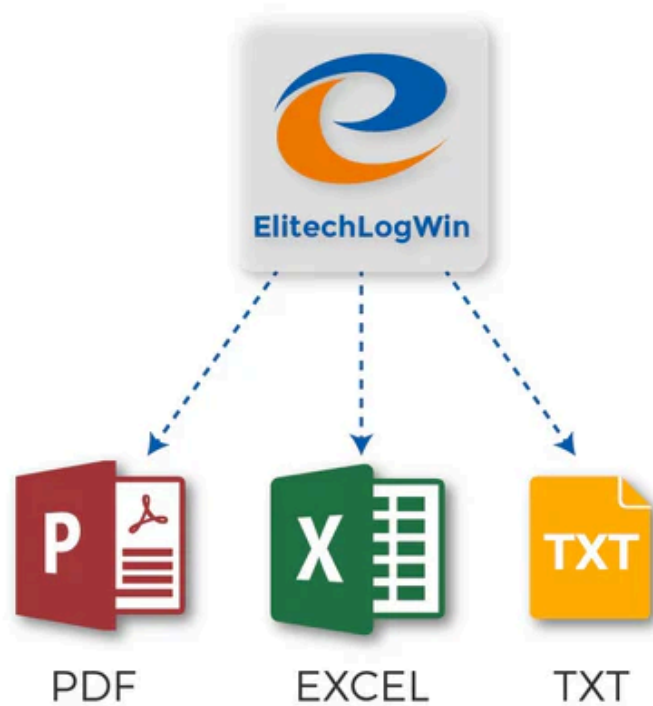
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Export Data via Elitech Software Choose Multi-format Output



Specification



Temperature measurement range

-20~60°C (internal)
-40~85°C (external)

Temperature Accuracy

±0.3°C (-20~40°C)
±3%RH (25°C, 20~80%RH)

Resolution

0.1°C/0.1%RH

Amount of Data

100,000 Points Max

◆ Product Highlights

- 100,000 data storage capacity
- Temperature range: -40°C to +85°C
- Humidity range: 10%RH – 90%RH
- Displays Max / Min / Average readings
- Built-in USB interface for quick data transfer
- Comes with rechargeable battery
- External temperature sensor for accurate fridge/freezer readings



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Multiple Alarms

Audible Buzzer and Visual Light



◆ Ideal Applications

Medical & vaccine refrigerators
Pharmaceutical & laboratory storage
Cold chain transport monitoring

Wall Mounting



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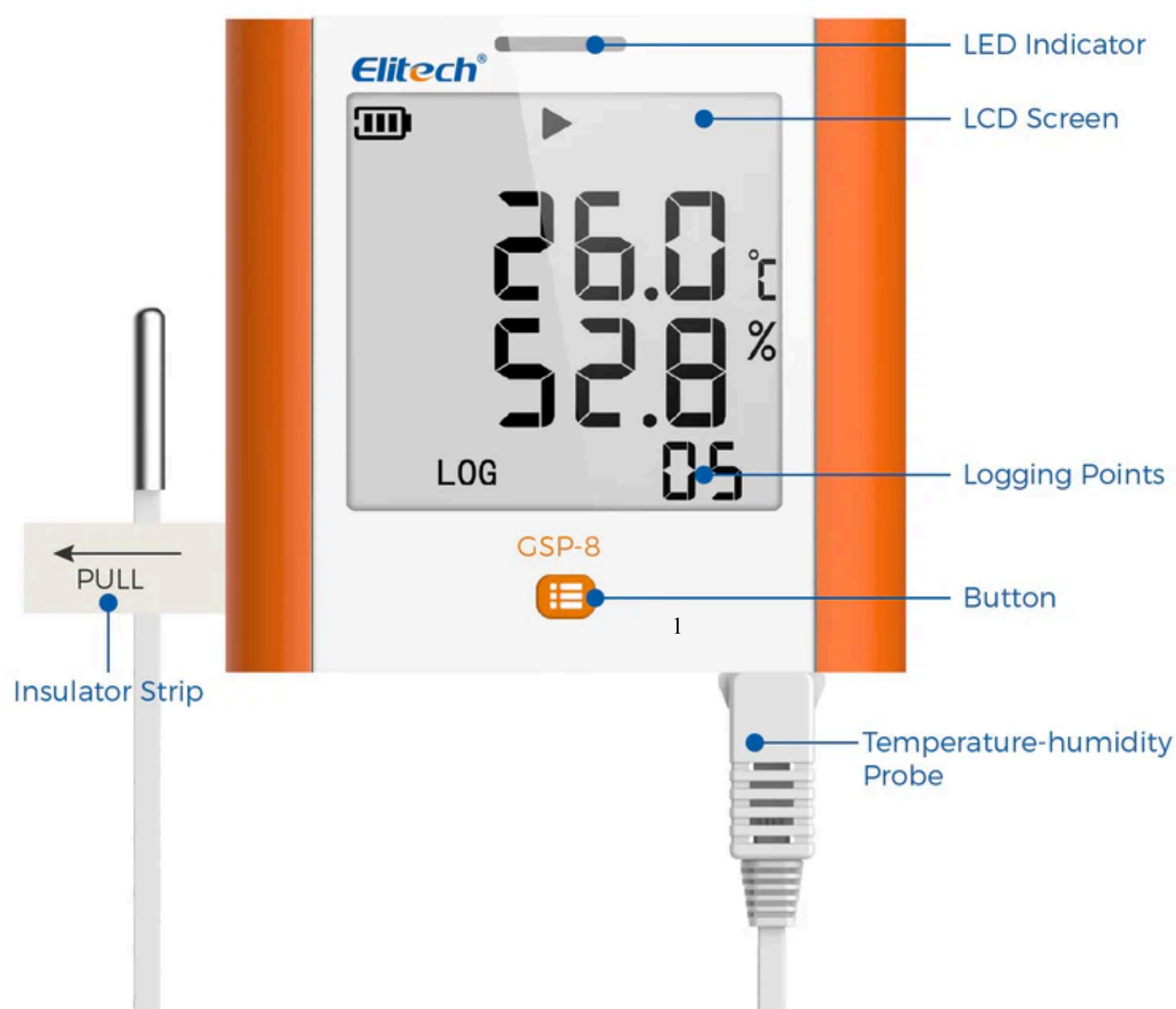


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Overview

The Elitech GSP-8 is a high-precision digital temperature and humidity data logger designed for monitoring sensitive environments like medical refrigerators, vaccine storage, and pharmaceutical transport.

With a large data capacity of 100,000 records, it ensures continuous and accurate tracking of temperature and humidity variations.

The device features real-time display, Max/Min/Average readings, and a USB interface for fast data download and report generation.

Its external temperature probe provides reliable readings even in extreme conditions, making it ideal for cold chain and laboratory applications.



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Elitech GSP-8 – Technical Specifications

Parameter	Specification
Data Capacity	Up to 100,000 records
Temperature Range (Probe)	-40°C to +85°C
Humidity Range	10% RH – 99% RH
Temperature Accuracy	±0.3°C (-20°C to +40°C); ±1°C (others)
Humidity Accuracy	±3% RH (at 25°C, 20–90% RH)
Resolution	0.1°C / 0.1% RH
Operating Temperature (Device)	-20°C to +60°C
Recording Interval	Configurable: 10 seconds to 24 hours
Alarm Function	Programmable high/low temperature & humidity limits
Display	Large LCD screen showing temperature, humidity, and status
Interface	USB connection for PDF/Excel report export
Power Supply	Rechargeable Lithium battery (18650 type)
Battery Life	Up to 2 years (typical use)
Dimensions	94 × 90 × 29 mm
Weight	Approx. 173 g
Mounting Type	Wall-mountable or portable
Additional Features	External sensor probe, audible/visual alarm, two storage modes (Full/Stop & Cyclic)

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07/14/2022

07/14/2024

CERTIFICATE OF CALIBRATION

MODEL GSP-8

SERIAL No. EL2207000001

CALIBRATION DATE

07/14/2022

EXPIRATION DATE

07/14/2024

STATEMENT OF CALIBRATION

The products mentioned on the following page have been thoroughly tested, validated and met performance accuracy specifications over the stated ranges.

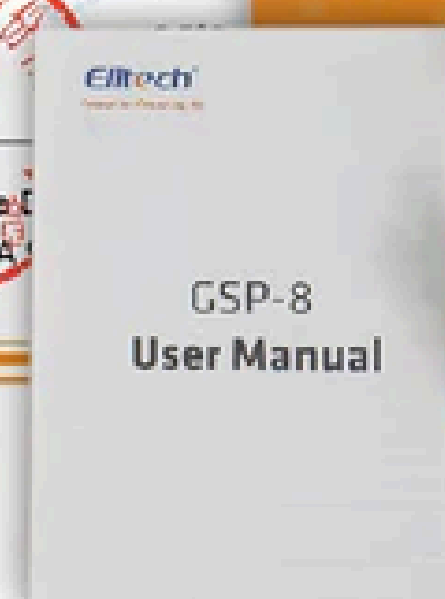
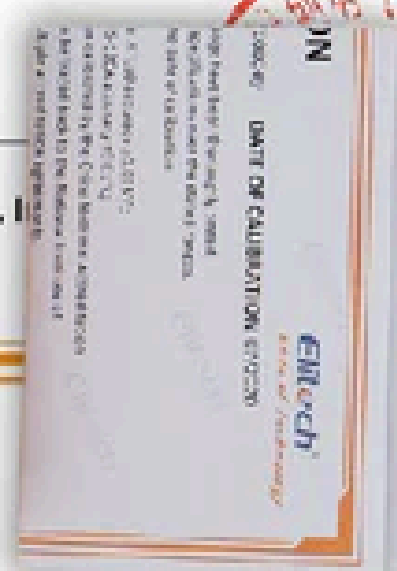
REFERENCE EQUIPMENT

Low temperature testing equipment, model YH-80
Constant temperature through, model XORTS-120
The above reference instruments have been calibrated by the National Institute of Standards and Technology (NIST) in accordance with

Temp Accuracy -20~+40°C(±0.5°C) Others ±1.0°C

Validation Points	Indicated Points	Variance
+60°C	60.6°C	0.6°C
+40°C	40.0°C	0.0°C
+25°C	25.3°C	0.3°C
0°C	-0.5°C	-0.5°C
-10°C		

Temperature and Humidity Data Logger



Package Includes:

1* GSP-8 Data Logger 1* 2m External Temperature-Humidity Probe
1* USB Cable 1* User Manual 1* Validation Certificate 1* Battery



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