

Multi-Use  
Data Logger  
Vaccine Monitoring  
GSP-6/6G/8



Multi-Use Data Logger  
RC-51 series



Overview

GSP-6/GSP-8 series are temperature and humidity data loggers featured with large display and optional glycol bottle. Its dual probe accessories support multiple combination options of temperature and humidity. Employs with multiple alerting methods and shorten logging intervals automatically, it avoids over-limits. Elitech outstanding ElitechLog software services on PC by setting 2 temperature/ humidity alarm thresholds, viewing temperature/humidity history data, exporting detailed data report, etc.

Features

- Internal temperature and humidity sensor, accuracy up to  $\pm 0.5^{\circ}\text{C}$ ,  $\pm 3\%\text{RH}$
- Built-in USB port allows quick access to PCs and ElitechLog software
- Large LCD display convenient for data view from a distance
- Various alerting modes as Audio-visual alarm, screen indicator alarm and etc
- Shorten logging interval automatically when temperature and humidity alarm triggered
- Optional glycol bottle as thermal buffer could reflect more accurate and stable readings
- Powered by battery or USB connection
- Compliance with CE (EN12830), RoHS and FDA (21CFR)

Specifications	GSP-6/6G	GSP-8
Recording Options	Multi-Use	Multi-Use
Temperature Range	-40°C~85°C	-20°C~60°C(internal sensor); -40°C~85°C(external probe)
Humidity Range	0~100%RH	0~100% RH
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ (-20°C/+40°C); $\pm 1.0^{\circ}\text{C}$ (other range)	$\pm 0.3^{\circ}\text{C}$ (-20°C/+40°C); $\pm 0.5^{\circ}\text{C}$ (others)
Humidity Accuracy	$\pm 3\%\text{RH}$ (25°C,20%RH to 90%RH); $\pm 5\%\text{RH}$ (other range)	$\pm 3\%\text{RH}$ (25°C,20%RH to 90%RH); $\pm 5\%\text{RH}$ (others)
Resolution	0.1°C,0.1%RH	0.1°C, 0.1%RH
Data Storage Capacity	16,000 points	100,000 points
Shelf Life/Battery	2 years* ER14505	Rechargeable 18650 lithium battery
Recording Interval	15 minutes(standard,others on request)	15 minutes(standard,others on request)
Alarm Configuration	Optional, only 2 points	Optional, up to 5 points
Reprogrammable	With free Elitech Win or MAC software	Auto PDF report,PDF/EXCEL/TXT by ElitechLog software
Stop Mode	Button, software or stop when full	Button,software or stop when full
Certifications	FDA EN12830, CE, RoHS	FDA EN12830, CE, RoHS

Overview

RC-51 series are Elitech conventional USB temperature/humidity data loggers. Its special pen style design features with high protection class of IP67 rating.

Features

- Internal temperature/humidity sensor, accuracy up to  $\pm 0.5^{\circ}\text{C}/3\%\text{RH}$
- Auto encrypted PDF report with password protection function
- Built-in USB port allows quick access to PCs and ElitechLog software
- Powerful and intuitive indication with LCD screen and dual LED indicators
- Up to 32,000 data points memory capacity for temperature/humidity
- Up to 7 alarm thresholds configurable
- Compliance with CE (EN12830), RoHS and FDA (21CFR)

Specifications	RC-51	RC-51H
Recording Options	Multi-Use	Multi-Use
Temperature Range	-30°C to 70°C	-30°C to 70°C
Humidity Range	/	10%~ 95%
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ (-20°C/+40°C); $\pm 1.0^{\circ}\text{C}$ (other range)	$\pm 0.5^{\circ}\text{C}$ (-20°C/+40°C); $\pm 1.0^{\circ}\text{C}$ (other range)
Humidity Accuracy	/	$\pm 3\%\text{RH}$ (25°C,20%RH to 90%RH), $\pm 5\%\text{RH}$ (other range)
Resolution	0.1°C	0.1°C,0.1%RH
Data Storage Capacity	32,000 readings	32,000 readings
Shelf Life/Battery	2 years*/ER14250 button cell	2 years*/ER14250 button cell
Recording Interval	15 minutes(standard, others on request)	15 minutes(standard, others on request)
Validation Certificate	Hardcopy	Hardcopy
Report Generation	Automatic PDF report	Automatic PDF report
Alarm Configuration	Optional, up to 5 points	Optional, up to 5 points
Reprogrammable	With free Elitech Win or MAC software	With free Elitech Win or MAC software
Startup Mode	Button or software	Button or software
Stop Mode	Button, software or stop when full	Button, software or stop when full
Protection Class	IP67	/
Certifications	FDA EN12830, CE, RoHS	FDA EN12830, CE, RoHS