HIGH TEMPERATURE DATALOGGER
HiTEMP10

Stellar Instruments

HiTEMP devices are high temperature recorder series, and their shells are all made of special alloy materials, the alloy material with high mechanical strength, high temperature resistance, environmental protection and non-toxic, wear resistance and corrosion resistance.

HiTEMP uses the latest and most advanced semiconductor temperature measurement technology to improve the instrument's temperature measurement range, while raising the instrument protection level to IP67, to meet the high temperature, high heat and sealed and other harsh environment requirements, and the instrument have excellent storage performance, enough to meet the needs of most users of measurement and recording.

FEATURES

- Dual-Core Processing Unit
- +125°C (+257°F) Maximum Operating Temperature
- Up to 32,000 Sets of Temperature Data Can Be Recorded
- Special Alloy Body, Safe and Reliable
- IP67 Protection Class
- Super Low Power Consumption and Long Standby Time

APPLICATIONS

- High Temperature Disinfection Monitoring
- Shipping, Aviation and Aerospace
- Cold Storage and Food Preservation
- Workspace, laboratories
- Process Temperature Monitoring
- Warehouse Temperature Monitoring

TECHNICAL SPEC

Temperature Range	-40°C~+125°C
Accuracy	±0.2°C(0°C~+65°C)
Resolution	0.1°C
Storage Capacity	32000 groups of data
Sampling Interval	1 s~24 hours
Protection Class	IP67
Start mode	Start immediately; Timing start
Stop mode	Memory full; When into USB
Operation Environment	-40°C~+125°C(Non-condensation)
Storage Environment	-40°C~+85°C(No battery)
File Format	TXT XLS CSV BMP JPG
Battery Type	3.6V 2/3 AA high temperature battery
Size/Dia	Φ18mm x115mm
Standards /Certificates	CE, RoHS, EN 12830
Weight	95g(No battery)