

YPL-170

317SS PDF Dry Ice Data Logger

Newest YPL-170 low temperature Dry Ice logger is made of special 317 SS alloy material. The type of alloy material has the advantages of high mechanical strength, low temperature resistance, environmental protection, non-toxic, wear resistance, and corrosion resistance.

The most advanced semiconductor & mechanical technology is capable to expand temperature measurement range of the logger to -80 to 70°C (-112 to 158°F), and improve the protection class of the instrument to IP67 to meet the requirements of high humidity, ultra-low temperature and sealed environment. This YPL-170 logger is very suitable for ultra-low temperature refrigeration and cold chain transport environment. For example, it can monitor the transportation of vaccines using dry ice for a long time.

The YPL-170 model has a large storage space and a storage memory of 17,280 data points, which is enough to meet the measurement and recording needs for most applications. Users can set the instrument sampling interval (10 seconds to 18 hours) and make an appointment to start recording time through free download PC software.

The instrument has the advantage of USB drive generating data: After completing the recording task, the user only needs to connect the logger to the computer to automatically generate an encrypted PDF format report. This process does not require other software and is very convenient and fast. In the auto-generated PDF report, the information provided includes record summary, statistics, alarm information, charts, etc.

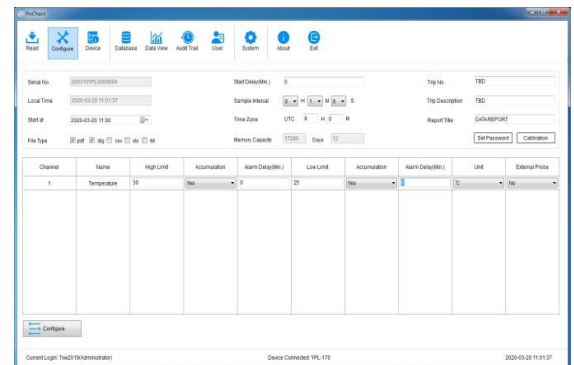


Features:

- Minimum operating temperature to -80°C
- Maximum operating temperature to +70°C
- Measuring resolution is 0.1°C
- Measuring accuracy up to ±0.5°C
- 17,280 sets of temperature data can be recorded
- USB drive generates highly encrypted PDF data
- Special alloy 317 SS body, safe and reliable
- Protection class waterproof IP67
- Airborne LED indicates working status
- Super low power consumption and long standby
- Data secure even power off

Application:

- Pharmaceutical Laboratory
- Cold Chain Storage and Transportation
- GSP Verification
- Food Preservation
- Oceanography Research
- Warehouse Temperature Monitoring
- Process Temperature Monitoring



Specifications:

Model	YPL-170
Accuracy	±0.5°C
Range	-80°C ~ +70°C
Resolution	0.1°C
Storage capacity	17280
Sampling interval	10 Secs ~ 18 Hours
Start mode	Select Timing Start
Stop mode	Memory full or When plug into USB
Operation Environment	-80 to 70°C (-112 to 158°F)
Power supply	3.6V Lithium Battery
Protection class	IP67
Size/Dimension	Φ18mm x 115mm
Weight	About 95g (Without Battery)
Standards /Certificates	CE, RoHS, EN 12830
Warranty	12 Months

Notes:

- **Battery Warning:** Dispose of Properly or May Cause Fire, Explosion and Severe Burn Hazard
- Inner Rubber Ring of the Logger is a Critical Piece of Component for Water and Dust Proof
- Tighten the Battery Cover and USB Cover to Prevent Infiltration of Liquid, Oil and Dust
- For Any Questions, Please Call (949) 345-1192 or Email info@zeoliteinternational.com

