ULTRA LOW TEMP. USB LOGGER w/PDF REPORT





Optimize lyophilization by thermal analysis!



Ordering Code

VZ88166AZ, 88166 ultra low temp.logger
Suggested 14250 battery: Saft LS14250 or TADIRAN SL550

***Available for EB project**

Ultra low Temp. USB logger w/PDF &Excel report 88166

- ■Plug & Play. PC software and driver are not required
- ■Built in PT1000 sensor for dry ice & ultra low temperature , such as lyophilization validation
- ■Automatically generate PDF/Excel report. Report contains summary, graph and detailed data
- ■Completely user re-programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name
- ■Multiple time use. Replaceable battery design



Model	88166
Temp. range	PT1000 RTD sensor, -80.0~70.0℃ , -112.0~158.0℉
Temp. resolution	0.1℃ , 0.1℉
Temp. Accuracy	+/-0.5℃ for full range
Logging Type	Multiple Time Use. Battery replaceable
Meter size	104(L)*40(W)*18(T) mm
Sampling points	48,000 readings
Operating temp.	-80~70℃ (Logging status); room temp.(PC status)
Operating RH%	Humidity < 80%
Storage temp.	No higher than 30℃
Storage RH%	Humidity < 90%
Weight	~20g
Battery	1PC 3.6V@970 mAh Lithium battery, replaceable
Power consumption	Max. 1.3mA , average 12uA
Sampling interval	30 seconds, 5,10,30,60,90,120 minutes
Start delay	0, 5,30,45,60, 90,120 minutes, 24 hours
Alarm range	-20~ -10℃, -10~0℃, 2~8℃, 0~15℃, 0~25℃, 15~25℃, others
Alarm delay	0, 5,30,45,60, 90,120 minutes
Alarm type	Single Event, Cumulative, Disable
Operation keys	2 Keys (Start/Stop key & Mark key)
LED indicator	REC, Low Bat., High alarm, Low alarm
Standard package	Meter, battery, manual, paper box

Application:

-Optimize lyophilization by thermal analysis
-During transportation, record time and temperature for vaccines, biologics, pharmaceuticals and other perishable & temperature sensitive products

