NEW

PDF 2 TEMP USB





Detachable probe

88164

Ultra low temperature logger w/PDF report 88164

- ■Plug & Play. PC software and driver are not required
- ■External RTD pt1000 probe for ultra low temperature, such as lyophilization
- ■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
- ■One key operation to know leftover battery life time

Metric/ Imperial | MAX/MIN | Auto Logging | PDF | EXCEL | EN 12830

PC Link | USB 2.0 | IP65 | LED Alarm



Optimize lyophilization by thermal analysis!



Step 1
Completely programmable by users



Step 2
Leave it in any place.

Step 3
Press Start key 5 seconds to activate



Step 4
Press Stop key 5 seconds to stop. You may press "Mark"to make bookmark

Step 5
Press key to review max. & min. value counted from previous reset moment



Step 6
Plug into PC to generate PDF and Excel report.

Model	88164
Temp. range	NTC thermistor, -30.0~70.0°C , -22.0~158.0°F
Temp. resolution	0.1°C , 0.1°F
Temp. Accuracy	+/-0.5°C
Ext. Temp. range	Pt1000 sensor, -100.0~120.0°C , -148.0~248.0°F
Ext. Temp. resolution	0.1°C , 0.1°F
Ext. Temp. Accuracy (While logger is located in 10~40°C place)	+/-0.5°C
Sampling points	24000 Int. and 24000 Ext.
Meter size	110(L)*45(W)*17(T) mm
Operating temp.	-30~70°C (Logging status); room temp.(PC mode)
Operating RH%	Humidity < 90%
Storage temp.	-40~85°C
Storage RH%	Humidity < 90%
Weight	~50g
Battery	2PC 3.0V CR2032 3months life time
Sampling interval	30 seconds, 5,10,30,60,90,120 minutes
Start delay	0, 5,30,45,60, 90,120 minutes and 24 hours
Alarm range	Programmable from -30 to 70°C
Alarm delay	0, 5,30,45,60, 90,120 minutes
Alarm type	Single Event, Cumulative, Disable
Operation keys	3 Keys (Start/Stop key & Mark key & Count key)
LED indicator	REC, High / Low alarm
Standard package	Logger, VZ88164PAZ external temp. Probe batteries, manual, paper box
Optional accessory	VZ88164PAZ1 Vaccine temp. Probe

Ordering Code

VZ88164AZ, 88164 logger (w/ probe)
VZ88164PAZ, RTD probe
VZ88164PAZ1, RTD probe for vaccine storage

Available for EB project



EXTERNAL TEMP. PROBE
P/N: VZ88164PAZ
Color: black silicon cable
Size:2cm stainless probe w/o handle
5mm diameter probe
Cable: 200cm w/3.5mm jack



VACCINE STORAGE PROBE
P/N: VZ88164PAZ1
Vial: Empty transparent glass
Color: black silicon cable
Size:2cm stainless probe w/o handle
5mm diameter probe
Cable: 200cm w/3.5mm jack