PDF TEMP USB





88160

Wall or desktop

PDF 2 TEMP USB



88161



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 of logged data.



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

Ordering Code

VZ88160AZ, 88160 logger
VZ88161AZ, 88161 logger (w/o probe)
VZ87P6AZ1, Temp. Probe for 88161
VZ87P6AZ2, Temp. Probe for 88161
VZ87P6AZ3, Vaccine Temp. Probe for 88161

Available for EB project

USB Temperature logger w/PDF report 88160/88161

- ■Upgraded to 9 month battery life time
- ■Plug & Play. PC software and driver are not required
- ■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 (88161) · IP67 (88160) · LED Alarm

Model	88160	88161
Temp. range	NTC thermistor, -30~70°C , -22~158°F	
Temp. resolution	0.1°C , 0.1°F	
Temp. Accuracy	+/-0.5°C	
Ext. Temp. range		NTC thermistor, -30~70°C , -22~158°F
Ext. Temp. resolution		0.1°C , 0.1°F
Ext. Temp. Accuracy		+/-0.5°C
Sampling points	48000 readings	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 9 months life time while alarm function is OFF 3 months life time while alarm function is ON	
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, batteries, manual, paper box	
Optional accessory		VZ87P6AZ1 or VZ87P6AZ2 or VZ87P6AZ3 external temp. Probe



EXTERNAL TEMP. PROBE
P/N: VZ87P6AZ1
Color: Black
Size:15cm stainless probe w/handle
3.8mm diameter probe
Cable: 116cm W/3.5mm Jack



EXTERNAL TEMP. PROBE
P/N: VZ87P6AZ2
Color: black
Size:2cm stainless probe w/o handle
3.8mm diameter probe
Cable: 200cm w/3.5mm jack



VACCINE STORAGE PROBE
P/N: VZ87P6AZ3
Vial: Empty transparent glass
Color: black
Size:2cm stainless probe w/o handle
3.8mm diameter probe
Cable: 200cm w/3.5mm jack

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