

# HIGH TEMP. LOGGER w/PDF EXCEL REPORT



## High Temperature Datalogger w/PDF & Excel report 88170

- Plug & Play. PC software and driver are not required
- Built in PT1000 A grade probe for high temp. measuring
- Automatically generate PDF/Excel report. Report contains summary, graph and detailed data
- Completely user re-programmable: 6 languages, sampling interval, start delay, unit, effective range, password and company name
- Multiple time use. 3.6V replaceable lithium battery



We accept probe customization of different length and shape!

**Step 1**  
Completely programmable by users. On windows computer

**Step 2**  
Immediately active after setting and start to record base on start delay setting

**Step 3**  
Put into autoclave

**Step 4**  
Take out from autoclave and wait till cool down

**Step 5**  
Plug into PC to generate PDF and Excel report.

Model	88170
Temp. range	PT1000 RTD sensor, -40.0~140.0°C , -40.0~284.0°F
Temp. resolution	0.1°C , 0.1°F
Temp. Accuracy	+/-0.4°C for full range
Logging Type	Multiple Time Use till battery power is low
Meter/Probe size	64(L)*31.2(Dia) mm, probe 25.8 (L)*3.5(Dia) mm
Housing/Probe material	Stainless Steel SUS316
IP rating	IP68 (10meters water deep @30 mins)
Sampling points	48,000 readings
T90 Response time	~20 seconds (room Temp. to 90°C)
Operation time	No longer than 1 week @140°C Oven or no longer than 30 mins @134°C autoclave
Operating temp.	-40~140°C (Logging status); room temp.(PC status)
Operating RH%	Humidity < 80%
Storage temp.	-40~85°C
Storage RH%	Humidity < 90%
Weight	~175g
Battery	1PC 3.6V Lithium battery (installed before shipment) Battery can last 1year @5sec. rate in full temp. Range
Sampling interval	1,5,10,30 seconds, 5,10,30,60,90,120 minutes
Start delay	0, 5,30,45,60, 90,120 minutes or 24 hours
LED indicator	Green:REC, Red: Low Bat.
Standard package	1pc logger in one box (battery pre-installed already), O-ring/Cloth kit, manual and paper box

\*Available for EB project

**Ordering Code**  
**VZ88170AZ, 88170 logger**  
**VZ88170BAZ1, spare O-ring (13pcs/set)**  
**VZ88170BAZ, Battery (For China/TW only)**

### Application:

Provide you with affordable and accurate temperature records for steam autoclaving validation of food and medical materials.

