

# 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



Metric/Imperial



Auto Logging



PDF



EXCEL



PC Link



USB 2.0



LED Indicator



IP68



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<br>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)<br>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),<br>O-ring/Cloth kit, manual and paper box               |

### Application:

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

#### Ordering Code

VZ88170AZ, 88170 logger

VZ88170BAZ1, spare O-ring (13pcs/set)

VZ88170BAZ, Battery (For China/TW only)

\*Available for EB project

