

HIGH - LOW TEMPERATURE DATALOGGER



88170

Temperature Datalogger 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 |
| T ₉₀ 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 |

Application:

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



Ordering Code

VZ88170AZ, 88170 logger

VZ88170BAZ, 88170 3.6V Battery

*Available for EB project