



CEM DT-172 Temperature and Humidity data logger



SKU: CEMDT172YL
Manufacture warranty period: 12 months
Country of Origin: China

Description:

You can monitor temperature and humidity values efficiently and conveniently for long time periods by using the data logger.

The readings are saved in the logger and simply read out by your PC with USB interface.

Features:

- Memory for 32000 readings
- LCD to show some logging information easily
- Freely selectable measurement cycle from 1sec. to 24h
- Battery life: more than 3 years
- Download collected data through USB interface
- Alarm display if user-defined maximum/minimum values exceeded
- Analysis software used to view graph for logging data





Specifications:

Temperature	
Detection Range	-40 ~ 70°C (-40~ 158°F)
Accuracy	±2°C (-40 to -10°C and +40 to +70°C)
	±1°C (-10 to +40°C)
	±3.6°F (-40 to +14°F and 104 to 158°F)
	±1.8°F (+14 to 104°F)
Resolution	0.1°C / 0.1°F

Relative Humidity	
Detection Range	0 to 100%RH
Accuracy	±5.0% (0 to 20 and 80 to 100%)
	±3.5% (20 to 40 and 60 to 80%)
	±3.0% (40 to 60%)
Resolution	0.1%RH

Memory	32000(16000 each for temperature and humidity)
Interval setting	1sec.to 24h
Battery	1 x 3.6V Lithium Battery
Battery lifetime	Typically 3 years
CD Software	Windows 10 / 11
Dimension	94 x 50 x 32 mm
Weight	91g

Package includes:

- 1 x DT-172 Data logger
- 1 x Instruction Manual
- 1 x 3.6V Lithium battery (14250)
- 1 x Software CD
- 1 x USB cable (2m)
- 1 x Number lock

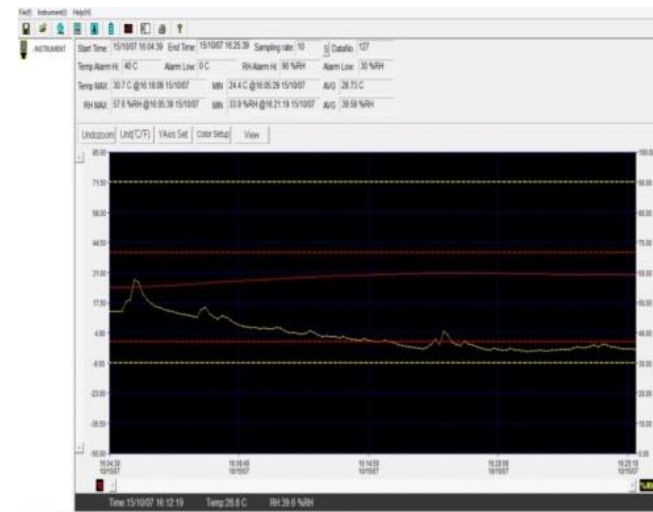
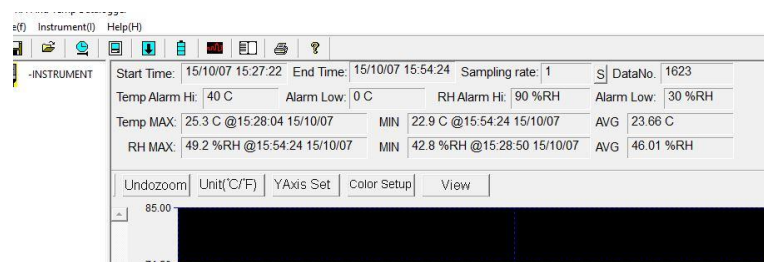
Packing Dimension:

- 23 x 15 x 9 cm
- Weight: 320 grams





Software:



```
>>Sampling rate: 1sec
>>Data number: 1623
>>Temp Alarm HI: 40 C Temp Alarm Low: 0 C
>>RH Alarm HI: 90 %RH RH Alarm Low: 30 %RH
>>Temp MAX: 25.3 C @15:28:04 15/10/07 Temp MIN: 22.9 C @15:54:24 15/10/07 Temp AVG: 23.66 C
>>RH MAX: 49.2 %RH @15:54:24 15/10/07 RH MIN: 42.8 %RH @15:28:50 15/10/07 RH AVG: 46.01 %RH
)
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| NO      | Temp(C) | RH(%RH) | TIME
|-----|-----|-----|-----|
| 1       | 25.3    | 43.2    | 15-10-07/15:27:22
| 2       | 25.2    | 43.2    | 15-10-07/15:27:23
| 3       | 25.3    | 43.2    | 15-10-07/15:27:24
| 4       | 25.3    | 43.1    | 15-10-07/15:27:25
| 5       | 25.3    | 43.2    | 15-10-07/15:27:26
| 6       | 25.3    | 43.2    | 15-10-07/15:27:27
| 7       | 25.3    | 43.2    | 15-10-07/15:27:28
| 8       | 25.3    | 43.2    | 15-10-07/15:27:29
| 9       | 25.3    | 43.2    | 15-10-07/15:27:30
| 10      | 25.3    | 43.2    | 15-10-07/15:27:31
| 11     | 25.3    | 43.2    | 15-10-07/15:27:32
| 12     | 25.3    | 43.2    | 15-10-07/15:27:33
```