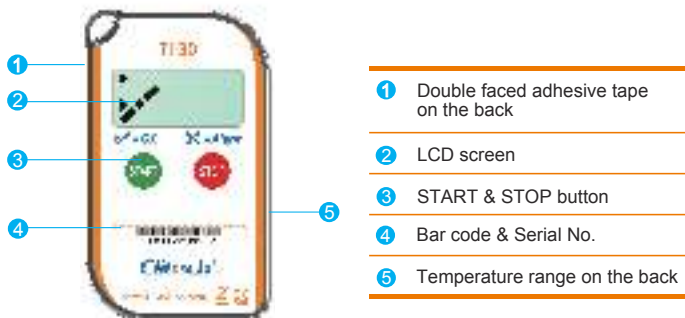


Overview

The temperature indicator is mainly used in the fields of pharmaceuticals, vaccines, blood, food, flowers and plants, laboratories, etc. especially for the places that require using temperature indicator of high waterproof grade in cold chain storage and transportation.

About the indicator



Technical parameters

Temperature measuring range: -30 C~70 C
Storage temperature: -25 C~60 C ^①
Accuracy: ±0.5 C (-20 C~+40 C); ±1 C (others)
Sensor: internal NTC
Log interval: 5 min (default)
Start delay: 1min~12h, configurable before delivery (stepping unit: 1 min)
LCD display: 7 icons
Power supply: internal CR2450 lithium battery
Battery lifetime: 2yr at 25 C with log interval 5 min
Protection grade: IP67 ^②
Start/Stop mode: press START/STOP button 5s
Dimensions: 77 (L) * 46 (W) * 12 (H) mm
Weight: 40g

Note:
 ① Keep the indicator in ambient temperature before it is started.
 ② To ensure its protection grade, please do not immerse the indicator in corrosive liquid, such as ethyl alcohol, oleic acid, etc.

Parameter configuration

- Before delivery, the indicator's parameters are configured. Just press START button to start it for use.
- Default configuration:
 Start delay : 10min
 Log interval : 5min

Temp H2 (high) : 45 C	Temp L1 (low): -0.5 C
Alarm type : sin (single)	Alarm type: sin (single)
Alarm delay : 60min	Alarm delay: 60min
Temp H1 (high): 30 C	Temp L2 (low): -5 C
Alarm type: cum (cumulative)	Alarm type: sin (single)
Alarm delay: 600min	Alarm delay: 60min

Operation instruction

- Press and hold START button about 5 seconds until a dot ● appears on left top of the screen normally, the indicator is started.
- If it defaults start delay, press and release either button, the dot will flash continuously for 30 seconds and then the LCD turns off.

- If the indicator is started in start delay status, it cannot be turned off by pressing STOP button. After the start delay elapses, press and hold STOP about 5 seconds until the dot disappears from the screen, indicating the indicator is stopped. It cannot be started again by pressing START button.
- Press and release either button to view the records.

Running status

1) Not started: All the icons show for 30 seconds and then disappear. See Fig.1:

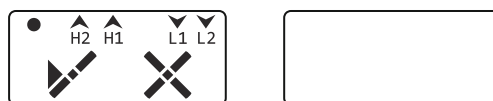


Fig.1

2) Started: The dot ● is normally on. See Fig.2:



Fig.2

3) Start delay: The dot ● flashes. See Fig.3



Fig.3

4) No alarm: shows. See Fig.4:



Fig.4

5) Alarm: and corresponding temperature range icons show. See Fig.5



Fig.5 Alarm: L1 is exceeded.

6) Stop: The dot ● disappears. See Fig.6 and Fig.7:



Fig.6: The indicator stops and alarm occurred.



Fig.7: The indicator stops and no alarm occurred.

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