

The Tekneka SD440/450 Single Use Temperature/Humidity Data Logger features an LCD display and a measurement accuracy of  $\pm 0.5^{\circ}\text{C}$ . It is ideal for transport and storage, especially for pharmaceuticals. The logger is of food-grade, waterproof packaging material and compact size.

### Features

- **Long working time with high accuracy:** Max. 90 days with temperature accuracy of  $\pm 0.5^{\circ}\text{C}$ , suitable for the pharmaceutical industry.
- **Parameters are programmable:** Parameters are configurable before starting. Up to 6 Alarm points can be made.
- **Large memory capacity:** Max. 65,000 readings memory capacity.
- **LCD Display:** LCD Displays real-time temperature data, alarm status, and Max. Min. Avg. etc.
- **Automatic report generation:** Irreversible PDF/CSV reports is generated without software after the logger is connected to PC.
- **Mark function:** Up to 9 marks can be made in the recording trip, making it convenient for users to mark some key events.



### Applications

The SD440/450 is designed for high-accuracy temperature/humidity monitoring in freezers, refrigerators, medical and pharmaceutical storage, laboratories, and food and life science applications, as well as in temperature-controlled transport and storage systems such as vaccine carriers, cold rooms, and cold boxes.

Description	SD440	SD450
Temperature Range	-30 ~ 70°C (-22 to 158°F)	
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$	
Humidity Range	x	0 ~ 100%RH
Humidity Accuracy	x	$\pm 3\%RH$
Display Resolution	0.1°C	
Usage Type	Single use	
Memory Range	65,000 data points	
Data Logging Interval	1min ~ 24hrs (Programmable)	
Start Mode	Button/Specific date & time	
Start Delay	Configurable	
Time Zone	UTC 0.00 (Default)	
Temperature Alarm	Upper & Lower limit setup	
Alarm Delay	0 ~ 960 minutes	
Export Report Format	PDF/CSV	
Device Interface	USB 2.0	
Battery	1 x 3V, Coin cell battery (CR2032)	
Battery Self Life	Max 120 days	
Protection Grade	IP65	
Operating Temperature	-30 ~ 65°C (-22 to 149°F)	
Device Dimension	94 x 41 x 8mm	
Weight	Net: 30g	

### Ordering Info

SD440..... Single Use Temperature Data Logger

SD450..... Single Use Temperature and Humidity Data Logger