

ESCORT

Data Logging | Coldchain Monitoring

Food cooling COOL DOWN LOGGER

V1.0 EDLS reserve the right to change specifications without notice.

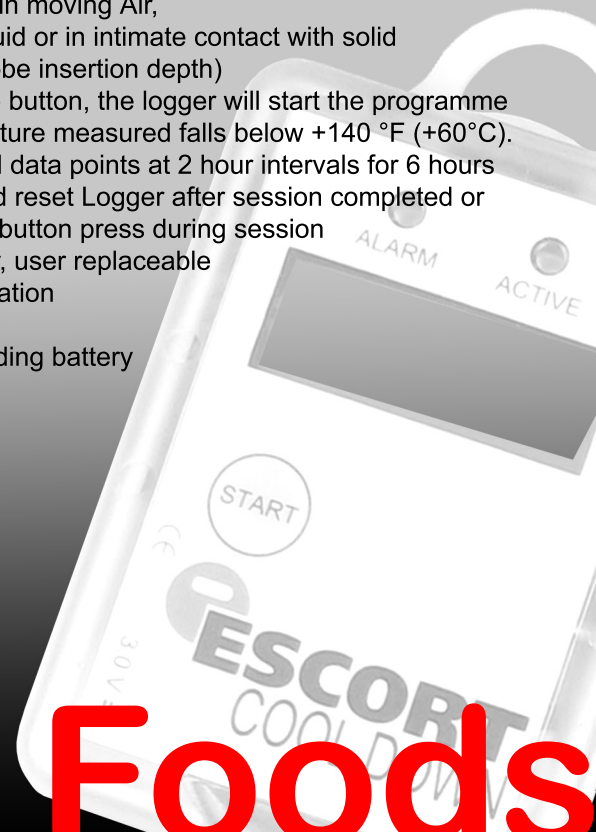


Product Description

Purpose built to comply with regulations (3-501.14 cooling food code) by the United States Federal Drug Administration regarding the cooling process of processed food, which specify that once food has cooled to temperatures below +140 °F (+60 °C) it must be cooled down to below +41 °F (+ 5°C) within 6 hours. The logger is triggered by the temperature falling below +140 °F (+60 °C) and the logger records the time and date of this event. The cool down process is then monitored by taking three temperature readings: One after 2 hours when the food must have cooled to temperatures below +69.8 °F (+21 °C) the second after 4 hours and the third reading after 6 hours, when temperature must be below +41 °F (+ 5°C). At the end of this process, the Cool Down logger displays a PASS or FAIL message depending on whether the temperature limits have been achieved in the specified time frame.

Sensor Measurement range	-4°F to 212°F (-20°C to +100°C)
Accuracy	±1.1°F (± 0.6°C)
Average resolution	1.1°F (0.6°C)
Sensor cable length	1m, stainless steel tip 80mm
FDA Regulation food code	3-501.14
Operating temperature	-4°F to 158°F (-20°C to +70°C)
Size	80mm X 57mm X 22mm (excluding lug and sensor)
Weight	70 grams
Case material	Polycarbonate/ABS
Display LCD	6 digits, scrolling through status and measurements taken
Temperature Response	T90 of 4 Minutes in moving Air, 35 seconds in liquid or in intimate contact with solid (depending of probe insertion depth)
Recorder Start up	After pressing the button, the logger will start the programme once the temperature measured falls below +140 °F (+60°C).
Sampling frequency	Logger will record data points at 2 hour intervals for 6 hours
Reprogramming Start button	Press to clear and reset Logger after session completed or long (12 second) button press during session
Power Source	3V lithium Battery, user replaceable
Typical Battery Life	Low Battery Indication
IP Rating	IP51
Warranty	24 Months, excluding battery

Specifications



Processed Foods