



PRODUCT DATA SHEET PROTON

RELIABLE **SINGLE-USE USB** TEMPERATURE DATA LOGGER WITH LCD DISPLAY

PROTON S200



Reliable data logger for monitoring your long haul logistics.

Reliably monitor your temperature-sensitive assets with a cost-effective single-use data logger. The solution simplifies everyday asset management and compliance for users.

High-Precision Temperature Sensor

IP64 Grade

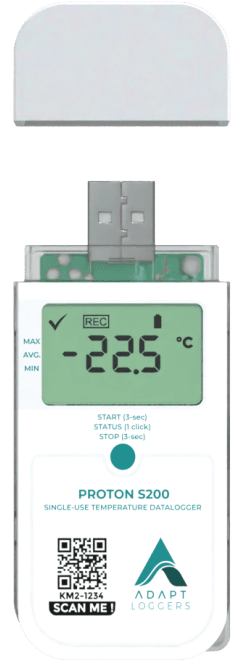
Cost Effective

Robust & Durable Plastic Enclosure

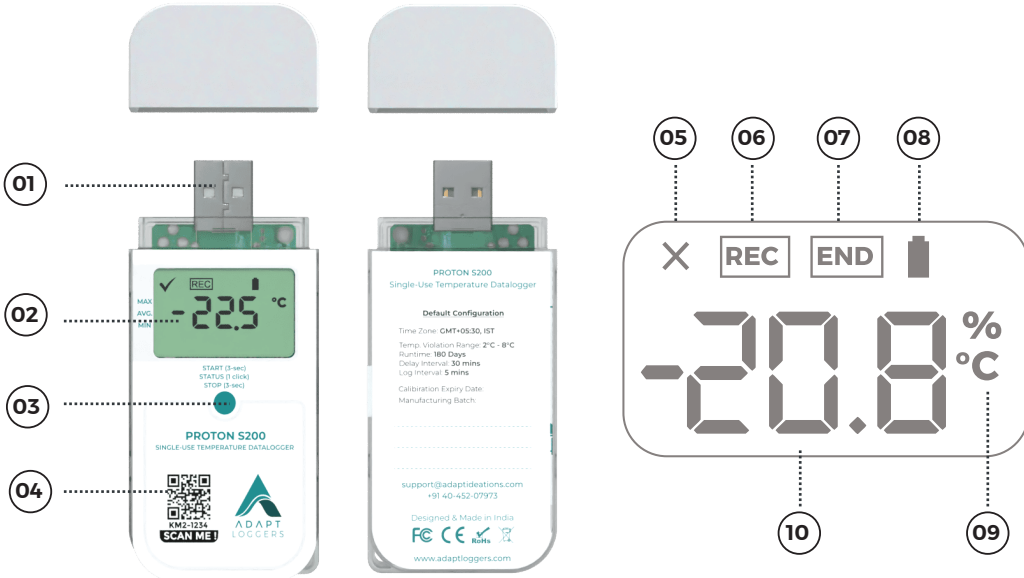
CSV Reports

Long Shelf-Life

LCD Display For Temperature Reading



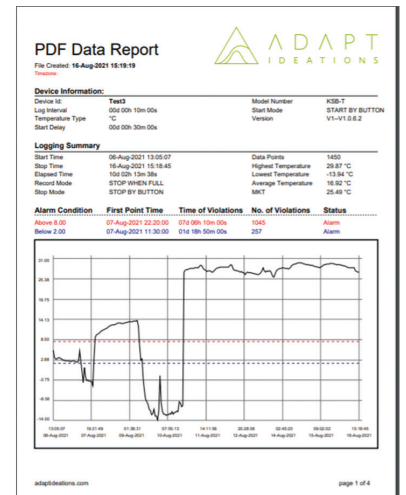
Product Anatomy



- 01. USB Connector
- 02. LCD Display
- 03. Button
- 04. Device ID QR Code

- 05. Temperature Violation
- 06. Record Start
- 07. Record End

- 08. Battery Charge Health
- 09. Degree Celsius
- 10. Temperature Recording



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RELIABLE **SINGLE-USE USB** TEMPERATURE DATA LOGGER

PROTON S200



Easy To Use

START

Press the button for 3 seconds to start.

PLACE

Place the device in your consignment.

END TRIP & GET REPORT

Press the button for 3 seconds to end the trip, and connect through USB to get trip report.



Technical Specifications

Recording Options:	Single-Use
Temperature Range:	-30°C To +60°C
Temperature Accuracy:	±0.5°C
Temperature Resolution:	0.1°C
Data Storage Capacity:	31,200 Readings
Battery:	2 Year Shelf-Life (CR2450 Button Cell)
Recording Interval:	10 Minutes (Configurable)
Delay Interval:	30 Minutes (Configurable)
Recording Duration:	60 Days
Startup Mode:	Button Press For 3 Seconds
Stop Mode:	Button Press For 3 Seconds, or Plug The USB To A Port

Dimensions:	94 mm x 41.5 mm x 10 mm (LxWxD)
Weight:	25g
Protection Class:	IP64
Certifications:	EN 12830, CE
Report File Output:	CSV File
Connection Interface:	USB 2.0, A-Type
LCD Display Indications:	Current Temperature Reading (in °C) Trip Status - REC/END Temperature Violation Indication Battery Health

*Data sheet is correct as of 10/22. The product may be subject to minor changes and enhancements in the future.



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