



PRODUCT DATASHEET PROTON

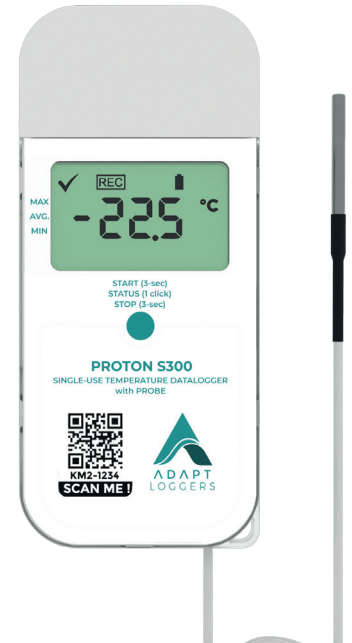
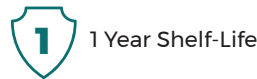
RELIABLE **SINGLE-USE**
ULTRA-NEGATIVE TEMPERATURE
DATA LOGGER WITH LCD DISPLAY

PROTON S300

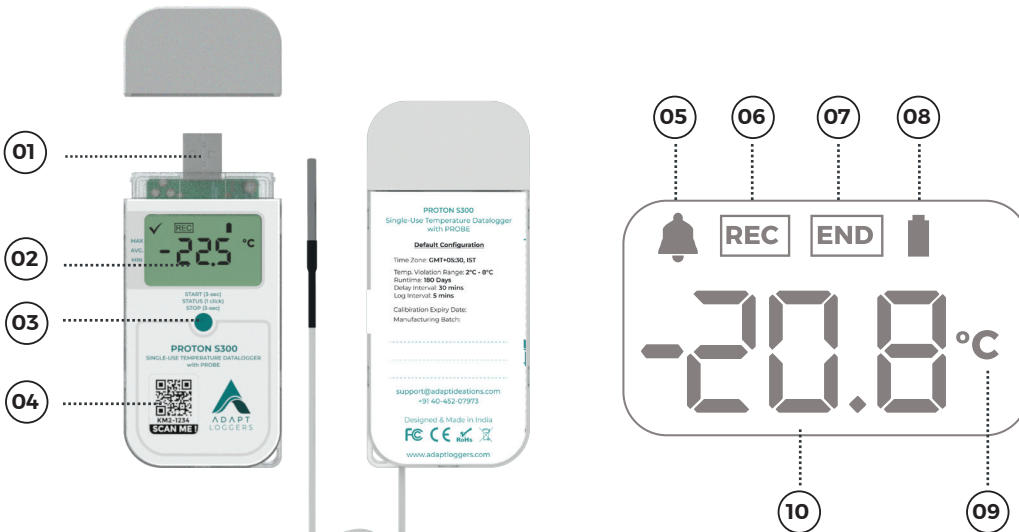


A reliable data logger for consignments that require ultra-negative temperature monitoring.

PROTON S300 is a single-use data logger able to monitor ultra-negative temperatures below -20°C. It's robust quality build ensures the reliable performance of the data logger.



Product Anatomy

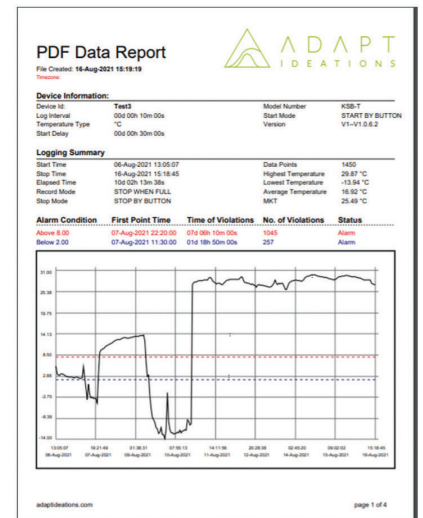


- 01. USB Connector
- 02. LCD Display
- 03. Button
- 04. Device ID/QR Code

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

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

Sample PDF Report Output



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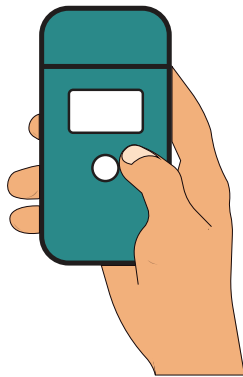
RELIABLE **SINGLE-USE** **ULTRA-NEGATIVE** TEMPERATURE DATA LOGGER WITH LCD DISPLAY **PROTON S300**



Easy To Use

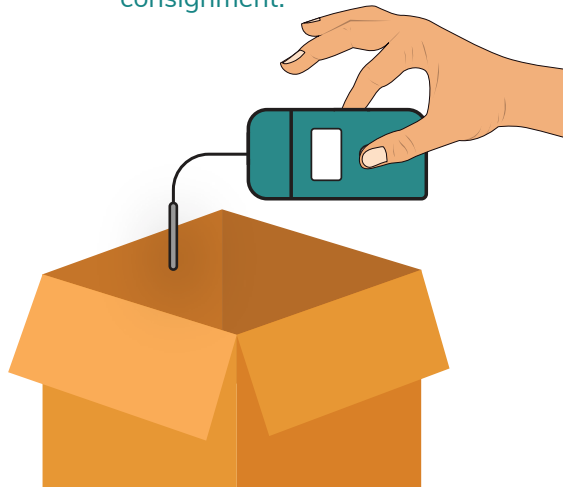
START

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: **-90°C To 30°C**

Temperature Accuracy: **±1.0°C**

Temperature Resolution: **0.1°C**

Data Storage Capacity: **31,200 Readings**

Shelf Life / Battery: **1 Year**

Recording Interval: **10 Minutes (Configurable)**

Delay Interval: **45 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**

Enclosure Material: **Poly Carbonate**

Weight: **25g**

Dimensions: **94 mm x 41.5 mm x 10 mm (L x W x H)**

Protection Class: **IP64**

Certifications: **According to EN 12830, CE**

Report File Output: **PDF Or CSV File**

Connection Interface: **USB 2.0, A-Type**

LCD Display Indications: **Current Temperature Reading (in °C)
Trip Status - REC/END
Temperature Violation Indication
Bell Icon**

*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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