



the smart way to measure time & temperature

Product Specification

Timestrip® TIR 0°C TIR471



The Timestrip® TIR Temperature Indicator and Report 0°C is a device for continuous temperature monitoring and calculating remaining stability budget of pharmaceutical products or clinical studies along the entire supply chain.

It is thin and small enough to go on clinical kits and sales units of pharmaceuticals.

It is durable enough to stay on the product, as the battery lasts 18 months after activation.

Timestrip® TIR 0°C has an alarm status that is always visible and can be downloaded wirelessly as a PDF with a convenient Smartphone App.

Benefits & Features

- Thin, small, durable, smart and cost effective
- Quick implementation
- Can be used by 3rd parties
- 100% calibrated and observes conformity to regulatory guidelines
- Stability monitoring along the entire supply chain – last-mile intelligence

Applications

- Last mile cold chain
- Direct-to-patient pharmaceuticals
- Life-time monitoring on box level



Specification

Type	Temperature Indicator and PDF Report with Multiple Alarm Zones
Activation Feature	Start mode (start by breaking off tab)
Indication	Ready, Operating, EOL; OK, ALARM
Operating Range	-30°C to +70°C; TIR 471 range: -2°C to +30°C
Accuracy	Typical accuracy (95 % of all Indicators) ±0.3 °C in the core range of -10 °C to +50°C. ±0.5 °C
Measurement Interval	1 minute

Shipping & Handling

Size	26 x 28 x 2.8 mm (1.0 x 1.1 x 0.1 inch) 4.5 g (0.16 oz)
Case	Metal housing
Battery Type	Button cell contained in equipment, UN3091, exempt from DGR declaration
Battery Life	18 months after activation - use in frozen applications can limit the battery
Shelf Life	2 years

Reports

A PDF file is generated by automatically establishing an evaluation report with embedded data via a smartphone app.

Complies with the ISO standard 19005-1 Document Management for the long-term preservation of electronic documents (PDF/A).

- Statistics (min/max, alarm) and detailed indicator information (ID, configuration, etc.)
- For customer-specific configurations, customizable report title and text area for additional information (e.g. shipment information, destination, etc.)

Contact us to see how Timestrip® can support your business.

visit www.timestrip.com