

Timestrip[®] Temperature Indicator and Report (TIR) Frequently Asked Questions

What is innovative about Timestrip TIR?

Timestrip TIRs are unique, box level readable electronic temperature indicators and report. Timestrip combined customer needs with state-of-the-art photonics to build the Timestrip TIR.

How did you verify the performance of Timestrip TIR?

A 100% temperature calibration of all sensors is performed during manufacturing. A 100% functional test is performed during assembling. Calibration standards are calibrated by an ISO/IEC 17025 accredited laboratory and are traceable to ISO/IEC 17025, and/or national/international standards (equivalent to NIST, UKAS, DKD).

How did you validate the performance of Timestrip TIR?

Timestrip TIR is developed and fully validated following the guideline “GAMP5 A Risk-Based Approach to Compliant GxP Computerized Systems.” By following the GAMP5 guidelines, the development and validation process is transparent and conforms to the international standard.

What battery is used in Timestrip TIR?

They use a button cell battery type. This avoids customs delays and dangerous goods label requirements per IATA's 2017 Dangerous Goods Regulations' 58th Edition.

What technology is used to download the data from the Timestrip TIR to the Smartphone App?

We use photonics (optical communication) to transmit the data. The Timestrip TIR communicates via LED-flicker. The Smartphone App uses the camera to film the LED-flicker and translates into clear text (alarm status, statistics and events).

Can I add specific information to the Timestrip TIR after readout?

Yes. After read-out, shipping or product specific information can be added in the Smartphone App.

Does Timestrip TIR provide additional statistics and information?

Yes. they provide alarm status and statistics for each zone – Allowed Time, Total Time, Number of Excursion, Longest Excursion, Alarm Status as well as configuration details such as – Profile ID, Logging interval and logging results – Highest and lowest temperature including timestamp, time of first alarm, Start and Stop Time as well as read out time.

Can Timestrip TIR record a measurement row?

No, Digital TTIs are not data loggers but an indicator. It is not storing the measurement row but just the statistics, events and status.

Can I reuse or reconfigure Timestrip TIR?

No. Timestrip TIRs are single-use electronic monitoring devices, programmed with a customer specific profile during the manufacturing process. The devices are designed for limited operation life and are not reprogrammable.

Can a Timestrip TIR be read out more than once?

Yes. Timestrip TIRs can be read out multiple times during operation. Thanks to the documentation capability, they are the ideal device for continuous temperature monitoring and calculating remaining stability budget along the entire supply chain.

What is the cost of the Smartphone App and where is it available?

A basic version of the Smartphone App is available for free in the App Store (iOS) and the Google Play Store (Android).

How can I read and document Timestrip TIR?

The status (OK or ALARM) can be read visually by pressing the button at any time. In order to document the status one needs a smartphone and the app installed.

How long can Timestrip TIR run?

Timestrip TIR are designed to monitor pharmaceuticals over its complete lifetime of up to 2 years.

Contact Us Today for More Information!
Call **800.435.4242** or visit **pdchealthcare.com**