The World's Most Reliable Temperature Logger

TSS Autoclave

Accurate Temperature Monitoring

The TSS Autoclave is an accurate device for monitoring high temperature, typically in a sterilized environment. With a USB interface connection, it allows simple upload of data to the cloud.

Key Features

The Autoclave is robust device that is designed to measure and log temperature in an autoclave chamber during a steam-sterilization cycle. It is specifically designed to withstand and operate in high temperature (+140°C) pressure, and steam during a sterilizer cycle.

Assure reliable measurements in sterilized environment

The device is a precision, electronic-based solution designed to monitor and record the applied temperature profile during an autoclave sterilization cycle. The Autoclave measures and logs temperature by recording data into the device memory. Once the sterilization cycle is complete, the autoclave is uploaded to our cloud temperature management software.

The world's leading temperature management solution

When you use TSS loggers you also get access to our cloud temperature management software. It delivers big data-driven analytics, and documents end-to-end visibility of drugs as they move through the supply chain. It's used by leading life science companies to reduce distribution costs, meet compliance and deliver drugs safely and sustainably to patients.

AUTOCLAVE	
Type	Temperature Data Logger
Operating Range	+15°C to +140°C
Temperature Accuracy	± 1,4°C between +115°C to +140°C
Memory Capacity	4096 Data Points
Temperature Resolution	0,0625˚C (1/16th of a Degree)
Battery	Lithium metal button cell battery, exempt from DGR (no restriction on number of units shipped on aircraft)
Operating lifetime	1 year
Calibration	Each unit is delivered with calibration certificate from accredited ISO-17025 laboratory
IP classification	68
Programmable Temperature Alarms	Total of 10 individual configurable high/low alarms configurable with 6 different alarm types
Start Delay	0 minute to 65,535 minutes
Sample Rate	1 minute to 255 minutes
Weight	17 grams
Measurement	25.4mm x 22.7mm
Housing	ABS plastic with stainless steel USB connector
Traceability	Unique 16-character ID number that allows for absolute traceability

About TSS

TSS is a world-leading supplier of temperature monitoring solutions. For the past 20 years we have been helping life science companies to ensure drugs are safe on delivery. Our cloud analytics solution has been developed together with world-leading pharmaceutical companies and is a key component of a risk-based approach to managing the supply chain.

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