

Global Temperature Loggers Market: By Type (Stand-alone Data Logger, Web-based Data Logger, Wireless Data Logger and BLE {Bluetooth low energy} Data Logger); By Application (Healthcare and Pharmaceutical Industry, Food Industry, Agricultural Industry, Electronic Industry and Others) and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

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Abstracts

Product Overview

Data Loggers are electronic devices that can read, acquire and record data over a defined period of time which is further manipulated and analyzed by the computer to generate useful insights. Temperature data loggers continuously monitor the environmental temperature conditions such as level of humidity, air pressure, water temperature, water level, etc. wherever they are placed. They are used by different industries as per their requirements and relevant uses such as Pharmaceutical, Agricultural, Food, etc. to maintain a certain amount of temperature ensuring that the products are compliant and safe for further use. Temperature data loggers vary based on resolution, display, measurement accuracy, data access, and accuracy.

Market Highlights

Global Temperature Loggers market is expected to project a notable CAGR in 2030. Global Temperature Loggers market to surpass USD XXXX million by 2030 from USD XXXX million in 2018 at a CAGR of XX.X% throughout the forecast period, i.e. 2019-30. Global Temperature Loggers market is expected to observe a growth in the future owing to its diversified application in different industries and emerging need of controlled

environment condition for storage of products at a specified room temperature to improve product efficiency and equipment life. Rising demand for controlled operations in the industries to periodically measure the temperature and ensure that it does not exceed the desired level of temperature is anticipated to boost the growth of the Global Temperature Loggers market in the future.

Recent Highlights in Global Temperature Loggers Market

In July 2020, Krohne launched a new line of OPTITEMP TRA-H6x/-C6x hygienic temperature sensors for the food and beverage industry.

Global Temperature Loggers Market: Segments

Stand-alone data logger segment to grow with the highest CAGR during 2019-30
Global Temperature Loggers market is segmented by type into Stand-alone Data Logger, Web-based Data Logger, Wireless Data Logger, and BLE Data Logger. Stand-alone data logger segment held the largest market share of XX.X% in the year 2018 and is expected to dominate the global market throughout the forecast period. Stand-alone data loggers are capable to record data without being connected to a PC in their built-in memory space and further, the data is uploaded to the PC. Web-based data logger systems can be configured with a variety of external plug-in sensors and transfer acquired data to a secure web server for accessing the data and provide around-the-clock, remote, internet-based access to data using WIFI or ethernet communications or cellular.

Healthcare and Pharmaceutical Industry segment to grow with the highest CAGR during 2019-30

Global Temperature Loggers market is segmented by application into Healthcare and Pharmaceutical Industry, Food Industry, Agricultural Industry, Electronic Industry, and Others. Medical Industry segment held the largest market share of XX.X% in the year 2018 and is expected to maintain this trend throughout the forecast period. Temperature data loggers are used to maintain a temperature for storing vaccines at a specified temperature in the Health care and Pharmaceutical industry to maintain efficiency in cold-supply chains. Likewise, the agricultural industry uses temperature data loggers to monitor the field temperature, food industry maintains temperature for processing of food and eliminates the risk of spoilage.

Market Dynamics

Drivers

Diverse uses in different industries

Temperature data loggers have enormous uses based on the nature of industries. Rise

in awareness and need for controlled temperature conditions and operations in the business eliminating the risk of losses and maintaining the efficiency and shelf life of the products by maintaining and monitoring the desired level of temperature with the help of temperature data loggers.

Advancement in technology and innovation

Companies are investing in research and development projects promoting innovation and technological developments. Temperature data loggers also contribute towards data security and surveillance such as in marine biology to measure climate patterns and military operations, in environmental concerns measuring the level of air pressure, humidity, etc. in the environment. Data loggers provide test, measurement, and control solutions which is a key factor driving the growth of the global market.

Restraints

High Costs

Higher costs involved in the capital investment for the software solution are the major key factor restraining the growth of the global temperature loggers market.

Global Organic Market: Key Players

Omega Engineering Inc.

Company Overview

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Nietzsche Enterprise

Signatrol Ltd.

Testo SE & Co. KGaA

Hioki E.E. Corporation

Elpro-Buchs

In-Situ

Gemini Data Loggers

Other Prominent Players

Global Temperature Loggers Market: Regions

Global Temperature Loggers market is segmented based on regional analysis into five

major regions. These include North America, Latin America, Europe, APAC, and MENA.

Global Temperature Loggers market in North America held the largest market share of XX.X% in the year 2018. Factors such as rising growth in the logistics business and accuracy of data are driving the growth of the global temperature loggers' market. Europe will witness an expansion in the growth in global market followed by APAC and MEA.

Global TEMPERATURE LOGGERS market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Temperature Loggers market report also contains analysis on:

Temperature Loggers Market Segments:

By Type

Stand-alone Data Logger

Web-based Data Logger

Wireless Data Logger

BLE {Bluetooth low energy} Data Logger

By Application

Health and Pharmaceutical Industry

Food Industry

Agricultural Industry

Electronic Industry

Others

Temperature Loggers Market Dynamics

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6. ACORN STAIRLIFTS INC.

7. STANNAH INTERNATIONAL

8. OTTOBOCK HEALTHCARE

9. R&E STRICKER REHA-ENTWICKLUNGEN GMBH

10. SPINERGY, INC.

11. OTHER PROMINENT PLAYERS

Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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