

**North America Temperature Monitoring Systems Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Application (GxP Environment and Life Science Applications, Cold Chain Applications, Vaccine, Semiconductor Manufacturing, Cleanrooms, Data Centers and Equipment Rooms, Museums and Archives, Food and Beverage Manufacturing, Chart Recorder Replacement, and Others), Type (Contract-Based Temperature Monitoring Systems and Non-Contract-Based Temperature Monitoring Systems), and Industries (Healthcare and Life Science Facilities, Medical Device Manufacturing Companies, Pharmaceutical and Biotechnology Companies, Food and Beverage Product Manufacturers, and Others)**

Market Report | 2022-09-20 | 171 pages | The Insight Partners

**AVAILABLE LICENSES:**

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

**Report description:**

The North America temperature monitoring systems market is expected to grow from US\$ 2,234.89 million in 2021 to US\$ 3,038.65 million by 2028; it is estimated to grow at a CAGR of 4.5% from 2021 to 2028.

The temperature monitoring systems market is characterized by the presence of many small and big companies. To increase their market share, market players are taking up various strategies such as new product launches, regional expansion, and technological advancements. Temperature monitoring systems are safer and more effective than ever with continued innovation

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

and technological advances, which is leading to increased acceptance of temperature monitoring systems. Leading players are investing in R&D to develop advanced technologies and gain more revenue share. For instance, in December 2021, Monnit launched its new ALTA Wireless Motion+ Sensor, which combines sensing components to measure motion and occupancy, relative humidity (RH), and ambient temperature in a wide variety of facilities. Similarly, in February 2020, ABB launched a new Smart Temperature Monitoring Relay, which is targeted to meet different customer requirements with just one versatile device. Innovations include an LCD screen that provides status updates and readings with a single glance and Near Field Communication (NFC) which allows users to adjust settings with one touch of a smartphone, making installation around 80% faster and more intuitive than ever before. The active participation of market players in product innovation and development and the increase in approvals of products are likely to fuel the growth of the temperature monitoring systems market in the coming years.

With the new features and technologies, vendors can attract new customers and expand their footprints in emerging markets. This factor is likely to drive the North America temperature monitoring systems market. The North America temperature monitoring systems market is expected to grow at a good CAGR during the forecast period.

North America Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

North America Temperature Monitoring Systems Market Segmentation

The North America temperature monitoring systems market is segmented based on application, type, industry, and country. Based on application, the North America temperature monitoring systems market is segmented into GxP environment and life science applications, cold chain applications, vaccine, semiconductor manufacturing, cleanrooms, data centers and equipment rooms, museums and archives, food and beverage manufacturing, chart recorder replacement, and others. The GxP environment and life science applications segment dominated the market in 2021. In terms of type, the North America temperature monitoring systems market is bifurcated into contract-based temperature monitoring systems and non-contract-based temperature monitoring systems. The contract-based temperature monitoring systems segment dominated the market in 2021. The market for the contract-based temperature monitoring systems segment is further segmented into conventional temperature monitoring systems, temperature monitoring strips and labels, and wireless temperature monitoring systems. The market for the non-contract-based temperature monitoring systems segment is further categorized into pyrometer and infrared thermometers, thermal imagers, and fiber optic thermometers. Based on industries, the North America temperature monitoring systems market is segmented into healthcare and life science facilities, medical device manufacturing companies, pharmaceutical and biotechnology companies, food and beverage product manufacturers, and others. The healthcare and life science facilities segment dominated the market in 2021. The market for the healthcare and life science facilities segment is further divided into healthcare providers, pharmacies, patient monitoring and home care settings, blood banks and tissue banks and diagnostic labs and IVF clinics, and others.

Based on country, the North America temperature monitoring systems market has been categorized into the US, Canada, and Mexico. The US dominated the market in 2021.

3M, ABB Ltd., CenTrak, Deltatrak Inc., E-Control Systems Inc., Emerson Electric Co., Honeywell International Inc., Monnit Corporation, SensoScientific Inc., and Vaisala are among the leading companies in the North America temperature monitoring systems market.

Table of Contents:

TABLE OF CONTENTS

- 1. Introduction
- 1.1 Scope of the Study

- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
  - 1.3.1 North America Temperature Monitoring System Market - By Application
  - 1.3.2 North America Temperature Monitoring System Market - By Type
  - 1.3.3 North America Temperature Monitoring System Market - By End User
  - 1.3.4 North America Temperature Monitoring System Market - By Country
  - 1.3.5 North America Temperature Monitoring System Market - By Country
- 2. Key Takeaways
- 3. Research Methodology
  - 3.1 Coverage
  - 3.2 Secondary Research
  - 3.3 Primary Research
- 4. North America Temperature Monitoring Systems Market - Market Landscape
  - 4.1 Overview
  - 4.2 North America PEST Analysis
  - 4.3 Experts Opinion
- 5. North America Temperature Monitoring Systems Market - Key Market Dynamics
  - 5.1 Market Drivers
    - 5.1.1 Stringent Regulations Governing Food & Beverage and Pharmaceutical Industries
    - 5.1.2 Rise in Number of Product Launches
  - 5.2 Market Restraints
    - 5.2.1 Technical Limitations of Infrared and Mercury Thermometers
  - 5.3 Market Opportunities
    - 5.3.1 Untapped Potential of Emerging Economies
  - 5.4 Future Trends
    - 5.4.1 Growing Demand for Non-Contact-Based Thermometers
  - 5.5 Impact Analysis
- 6. Temperature Monitoring Systems Market- North America Analysis
  - 6.1 North America Temperature Monitoring System Market Revenue Forecast and Analysis
- 7. North America Temperature Monitoring Systems Market Analysis - By Application
  - 7.1 Overview
  - 7.2 North America Temperature Monitoring Systems Market, By Application, 2021 & 2028 (%)
  - 7.3 GxP Environment and life Science Applications
    - 7.3.1 Overview
    - 7.3.2 GxP Environment and life Science Applications: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
  - 7.4 Cold Chain Applications
    - 7.4.1 Overview
    - 7.4.2 Cold Chain Applications: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
  - 7.5 Vaccine
    - 7.5.1 Overview
    - 7.5.2 Vaccine: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
  - 7.6 Semiconductor manufacturing
    - 7.6.1 Overview
    - 7.6.2 Semiconductor manufacturing: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
  - 7.7 Cleanrooms
    - 7.7.1 Overview

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 7.7.2 Cleanrooms: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 7.8 Data Centers and Equipment Rooms
  - 7.8.1 Overview
  - 7.8.2 Data Centers and Equipment Rooms: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 7.9 Museums and Archives
  - 7.9.1 Overview
  - 7.9.2 Museums and Archives: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 7.10 Food and Beverage Manufacturing
  - 7.10.1 Overview
  - 7.10.2 Food and Beverage Manufacturing: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 7.11 Chart Recorder Replacement
  - 7.11.1 Overview
  - 7.11.2 Chart Recorder Replacement: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 7.12 Others
  - 7.12.1 Overview
  - 7.12.2 Others: Temperature Monitoring Systems Market Revenue and Forecasts to 2028 (US\$ Million)
- 8. North America Temperature Monitoring Systems Market Analysis - By Type
  - 8.1 Overview
  - 8.2 North America Temperature Monitoring Systems Market Share by Type - 2021 & 2028 (%)
  - 8.3 Contract-Based Temperature Monitoring Systems
    - 8.3.1 Overview
    - 8.3.2 Contract-Based Temperature Monitoring Systems: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
      - 8.3.2.1 Conventional Temperature Monitoring System
        - 8.3.2.1.1 Overview
        - 8.3.2.1.2 Conventional Temperature Monitoring System: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
      - 8.3.2.2 Temperature Monitoring Strips and Labels
        - 8.3.2.2.1 Overview
        - 8.3.2.2.2 Temperature Monitoring Strips and Labels: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
      - 8.3.2.3 Wireless Temperature Monitoring System
        - 8.3.2.3.1 Overview
        - 8.3.2.3.2 Wireless Temperature Monitoring System: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
    - 8.4 Non-Contract-Based Temperature Monitoring Systems
      - 8.4.1 Overview
      - 8.4.2 Non-Contract-Based Temperature Monitoring Systems: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
        - 8.4.2.1 Pyrometer and Infrared Thermometer
          - 8.4.2.1.1 Overview
          - 8.4.2.1.2 Pyrometer and Infrared Thermometer: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
        - 8.4.2.2 Thermal Imagers
          - 8.4.2.2.1 Overview
          - 8.4.2.2.2 Thermal Imagers: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)
        - 8.4.2.3 Fiber Optic Thermometer

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

#### 8.4.2.3.1 Overview

#### 8.4.2.3.2 Fiber Optic Thermometer: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

### 9. North America Temperature Monitoring Systems Market Analysis - By Industries

#### 9.1 Overview

#### 9.2 North America Temperature Monitoring Systems Market Share by Industries - 2021 & 2028 (%)

#### 9.3 Healthcare and Life Science Facilities

##### 9.3.1 Overview

##### 9.3.2 Healthcare and Life Science Facilities: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

##### 9.3.3 Healthcare Providers

###### 9.3.3.1 Overview

###### 9.3.3.2 Healthcare Providers: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

##### 9.3.4 Pharmacies

###### 9.3.4.1 Overview

###### 9.3.4.2 Pharmacies: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

##### 9.3.5 Patient Monitoring and Home Care Settings

###### 9.3.5.1 Overview

###### 9.3.5.2 Patient Monitoring and Home Care Settings: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

##### 9.3.6 Blood Banks and Tissue Banks and Diagnostic Labs and IVF Clinics

###### 9.3.6.1 Overview

###### 9.3.6.1.1 Blood Banks and Tissue Banks and Diagnostic Labs and IVF Clinics: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

##### 9.3.7 Others

###### 9.3.7.1 Overview

###### 9.3.7.2 Others: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

#### 9.4 Medical Device Manufacturing Companies

##### 9.4.1 Overview

##### 9.4.2 Medical Device Manufacturing Companies: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

#### 9.5 Pharmaceutical and Biotechnology Companies

##### 9.5.1 Overview

##### 9.5.2 Pharmaceutical and Biotechnology Companies: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

#### 9.6 Food and Beverage Product Manufacturers

##### 9.6.1 Overview

##### 9.6.2 Food and Beverage Product Manufacturers: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

#### 9.7 Energy And Power Generation Companies

##### 9.7.1 Overview

##### 9.7.2 Energy And Power Generation Companies: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

#### 9.8 Others

##### 9.8.1 Overview

##### 9.8.2 Others: Temperature Monitoring Systems Market Revenue and Forecast to 2028 (US\$ Million)

### 10. North America Temperature Monitoring Systems Market- Country Analysis

#### 10.1 North America: Temperature Monitoring Systems Market

##### 10.1.1 Overview

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.1.3 North America: Temperature Monitoring Systems Market, By Country, 2021 & 2028 (%)
  - 10.1.3.1 US: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.1.1 Overview
    - 10.1.3.1.2 US: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.1.3 US: Temperature Monitoring Systems Market, By Application, 2019-2028 (US\$ Million)
    - 10.1.3.1.4 US: Temperature Monitoring Systems Market, By Type, 2019-2028 (US\$ Million)
      - 10.1.3.1.4.1 US: Temperature Monitoring Systems Market, By Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
      - 10.1.3.1.4.2 US: Temperature Monitoring Systems Market, By Non-Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
    - 10.1.3.1.5 US: Temperature Monitoring Systems Market, By Industries, 2019-2028 (US\$ Million)
      - 10.1.3.1.5.1 US: Temperature Monitoring Systems Market, By Healthcare and Life Science Facilities, 2019-2028 (US\$ Million)
  - 10.1.3.2 Canada: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.2.1 Overview
    - 10.1.3.2.2 Canada: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.2.3 Canada: Temperature Monitoring Systems Market, By Application, 2019-2028 (US\$ Million)
    - 10.1.3.2.4 Canada: Temperature Monitoring Systems Market, By Type, 2019-2028 (US\$ Million)
      - 10.1.3.2.4.1 Canada: Temperature Monitoring Systems Market, By Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
      - 10.1.3.2.4.2 Canada: Temperature Monitoring Systems Market, By Non-Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
      - 10.1.3.2.4.3 Canada: Temperature Monitoring Systems Market, By Industries, 2019-2028 (US\$ Million)
        - 10.1.3.2.4.4 Canada: Temperature Monitoring Systems Market, By Healthcare and Life Science Facilities, 2019-2028 (US\$ Million)
  - 10.1.3.3 Mexico: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.3.1 Overview
    - 10.1.3.3.2 Mexico: Temperature Monitoring Systems Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.1.3.3.3 Mexico: Temperature Monitoring Systems Market, By Application, 2019-2028 (US\$ Million)
    - 10.1.3.3.4 Mexico: Temperature Monitoring Systems Market, By Type, 2019-2028 (US\$ Million)
      - 10.1.3.3.4.1 Mexico: Temperature Monitoring Systems Market, By Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
      - 10.1.3.3.4.2 Mexico: Temperature Monitoring Systems Market, By Non-Contract-Based Temperature Monitoring Systems, 2019-2028 (US\$ Million)
      - 10.1.3.3.4.3 Mexico: Temperature Monitoring Systems Market, By Industries, 2019-2028 (US\$ Million)
        - 10.1.3.3.4.4 Mexico: Temperature Monitoring Systems Market, By Healthcare and Life Science Facilities, 2019-2028 (US\$ Million)
- 11. Industry Landscape
  - 11.1 Overview
  - 11.2 Inorganic Growth Strategies
    - 11.2.1 Overview
  - 11.3 Organic Growth Strategies
    - 11.3.1 Overview
- 12. Company Profiles
  - 12.1 Vaisala
    - 12.1.1 Key Facts
    - 12.1.2 Business Description
    - 12.1.3 Products and Services
    - 12.1.4 Financial Overview
    - 12.1.5 SWOT Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 12.1.6 Key Developments
- 12.2 Monnit Corporation
  - 12.2.1 Key Facts
  - 12.2.2 Business Description
  - 12.2.3 Products and Services
  - 12.2.4 Financial Overview
  - 12.2.5 SWOT Analysis
  - 12.2.6 Key Developments
- 12.3 SensoScientific Inc.
  - 12.3.1 Key Facts
  - 12.3.2 Business Description
  - 12.3.3 Products and Services
  - 12.3.4 Financial Overview
  - 12.3.5 SWOT Analysis
  - 12.3.6 Key Developments
- 12.4 E-Control Systems Inc.
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services
  - 12.4.4 Financial Overview
  - 12.4.5 SWOT Analysis
  - 12.4.6 Key Developments
- 12.5 CenTrak
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 3M
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview
  - 12.6.5 SWOT Analysis
  - 12.6.6 Key Developments
- 12.7 ABB Ltd.
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Deltatrak Inc.
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 12.8.4 Financial Overview
- 12.8.5 SWOT Analysis
- 12.8.6 Key Developments
- 12.9 Emerson Electric Co.
- 12.9.1 Key Facts
- 12.9.2 Business Description
- 12.9.3 Products and Services
- 12.9.4 Financial Overview
- 12.9.5 SWOT Analysis
- 12.9.6 Key Developments
- 12.10 Honeywell International Inc.
- 12.10.1 Key Facts
- 12.10.2 Business Description
- 12.10.3 Products and Services
- 12.10.4 Financial Overview
- 12.10.5 SWOT Analysis
- 12.10.6 Key Developments
- 13. Appendix
- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

**North America Temperature Monitoring Systems Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Application (GxP Environment and Life Science Applications, Cold Chain Applications, Vaccine, Semiconductor Manufacturing, Cleanrooms, Data Centers and Equipment Rooms, Museums and Archives, Food and Beverage Manufacturing, Chart Recorder Replacement, and Others), Type (Contract-Based Temperature Monitoring Systems and Non-Contract-Based Temperature Monitoring Systems), and Industries (Healthcare and Life Science Facilities, Medical Device Manufacturing Companies, Pharmaceutical and Biotechnology Companies, Food and Beverage Product Manufacturers, and Others)**

Market Report | 2022-09-20 | 171 pages | The Insight Partners

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User Price	\$3000.00
	Site Price	\$4000.00
	Enterprise Price	\$5000.00
		VAT
		Total

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.  
☐\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-04"/>
		Signature	<input type="text"/>