

Body Temperature Monitoring Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 114 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The body temperature monitoring market is expected to register a CAGR of 5.8% during the forecast period of 2022-2027.

The use of body temperature monitoring is increasing in countries like the United States, the United Kingdom, Italy, and India, owing to the high prevalence rate of infectious diseases, including the current COVID-19 pandemic. Increased body temperature is the first sign that the body is preparing to fight infection; therefore, doctors everywhere make their first assumptions about the disease based on thermometer readings. Thus, the spread of highly infectious diseases is resulting in the demand for thermometers in medical settings globally. For instance, according to the CDC, during the 2018 - 2019 season, around 35.5 million individuals were diagnosed with influenza, out of which 16.5 million people visited physicians and 490,600 were hospitalized. Thus, these factors are expected to positively impact the market growth during the forecast period. Similarly, India has a high burden of infectious diseases, such as influenza virus, scrub typhus, malaria, dengue, and Kyasanur Forest Disease (KFD) virus. These diseases account for over 80% of illnesses that start with a high fever, as per the CDC report. These are the major factors expected to fuel the growth of the market over the forecast period. As a result, the demand for various types of body temperature monitoring devices is increasing as the number of positive cases of COVID-19 rises.

The market is growing positively due to the rise in infectious conditions, like swine flu and Ebola virus disease, and the increase in demand for non-contact thermometers, as the use of infrared (IR) thermometers and non-contact thermometers was extremely useful in identifying the new cases of an outbreak caused by the Ebola virus.

Additionally, the growing pediatric population is responsible for driving the market growth globally. Factors such as flu outbreaks have a considerable effect on the market studied. According to the World Health Organization 2022, the WHO GISRS laboratories tested more than 317198 specimens from December 2021 to January 2022. 16862 people were positive for influenza viruses, of

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

which 10744 (63.7%) were typed as influenza A and 6118 (36.3%) as influenza B. Of the sub-typed influenza A viruses, 224 (4.3%) were influenza A(H1N1)pdm09 and 4930 (95.7%) were influenza A(H3N2). Of the characterized B viruses, 5959 (100%) belonged to the B-Victoria lineage.

In addition, the growing preference for digital thermometers helps in giving more accurate and faster results compared to mercury thermometers. Furthermore, it is safe, as mercury is a neurotoxic metal than can adversely affect the human body. Thus, owing to the above factors, the market is expected to grow over the forecast period.

Body Temperature Monitoring Market Trends

The Oral Cavity Segment is Expected to Hold a Major Market Share

The oral cavity is found to be the most accessible and is highly believed to provide the best estimation of the core body temperature. Hence, it is the most common site for measuring body temperature using local sensors. Eating and drinking may affect accuracy while measuring oral temperature. Thermometers are placed inside the mouth, under the tongue, and such readings can be inaccurate. The oral cavity temperature is measured by placing the thermometer posteriorly into the sublingual pocket, as it is very close to the sublingual arteries, which track the changes in the core body temperature.

Moreover, as per the United Nations 2019 Report, the population of children aged 0 to 14 years worldwide is expected to be about 2.02 billion in 2030. This number indicates that the market is expected to show growth in the coming years as the pediatric population is expected to grow in the near future. As they tend to contract fever more often, they require temperature monitoring devices.

In addition, there are advantages and disadvantages associated with oral thermometers. Accessibility and convenience are considered to be the advantages offered by these devices. The chances of these devices breaking into pieces if bitten and recording inaccurate temperature if the person has ingested food or fluid or has smoked are the disadvantages associated with these devices. Hence, all the aforementioned factors are expected to lead to the steady growth of the market.

North America Dominates the Market, and It is Expected to Continue the Same during the Forecast Period

North America currently dominates the market for body temperature monitoring, and it is expected to continue its dominance for a few more years. This region is expected to increase its market share in the future due to the increased adoption of body temperature monitoring devices.

The United States holds the majority of the market in the North American region due to the rising cases of flu. For instance, according to the Centers for Disease Control and Prevention 2021, from September 28, 2020, to May 22, 2021, in the United States, 1,675 (0.2%) of 818,939 respiratory specimens tested by US clinical laboratories were positive for influenza virus.

These statistics imply the huge demand for body temperature monitoring devices. Additionally, as per the article published in the Health Affairs 2021, the February to April 2020 period exceeded 20% for all primary admission diagnoses. This huge number denoted the requirement for body temperature monitoring devices and, therefore, was a driving factor for the market.

Additionally, the presence of key players in the region and the product launches and strategic collaborations by these companies are driving the market growth. For instance, in December 2021, Recon Health introduced the world's first health patch with core body temperature measurement powered by greenTEG CALERA Core Body Temperature Sensor. Thus, all the above-mentioned factors are expected to boost the market in the region.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Body Temperature Monitoring Market Competitor Analysis

The body temperature monitoring market is highly competitive and consists of several major players, indicating a fragmented market scenario. Although the market is quite fragmented in nature, there are some leading players, such as 3M Company, Welch Allyn Inc., Omron Corporation, and Hicks Thermometers Limited, among others, operating in the market studied. The market is largely driven by advancements in technology and innovations in products.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.2.1 Rise of Infectious Conditions, like Swine Flu, Ebola, and Others, Increasing the Demand for Non-contact Thermometers

4.2.2 Increasing Pediatric Population Driving the Growth of Thermometers

4.2.3 Increasing Demand for Disposable Thermometers and Digital Thermometers

4.3 Market Restraints

4.3.1 Issues Related to Rectal Thermometers

4.3.2 Concerns about the Use of Infrared Thermometers

4.4 Porter's Five Forces Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION (Market Size by Value - USD million)

5.1 Product

5.1.1 Contact

5.1.1.1 Digital Thermometers

5.1.1.2 Infrared Ear Thermometers

5.1.1.3 IR Temporal Artery Thermometers

5.1.1.4 Mercury Thermometers

5.1.1.5 Disposable Thermometers

5.1.1.6 Other Contact Products

5.1.2 Non-contact

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.1.2.1 Non-contact Infrared Thermometers

5.1.2.2 Thermal Scanners

5.2 Application

5.2.1 Oral Cavity

5.2.2 Rectum

5.2.3 Ear

5.2.4 Other Applications

5.3 End User

5.3.1 Hospitals

5.3.2 Clinics

5.3.3 Homes

5.4 Geography

5.4.1 North America

5.4.1.1 United States

5.4.1.2 Canada

5.4.1.3 Mexico

5.4.2 Europe

5.4.2.1 Germany

5.4.2.2 United Kingdom

5.4.2.3 France

5.4.2.4 Italy

5.4.2.5 Spain

5.4.2.6 Rest of Europe

5.4.3 Asia-Pacific

5.4.3.1 China

5.4.3.2 Japan

5.4.3.3 India

5.4.3.4 Australia

5.4.3.5 South Korea

5.4.3.6 Rest of Asia-Pacific

5.4.4 Middle-East

5.4.4.1 GCC

5.4.4.2 South Africa

5.4.4.3 Rest of Middle-East

5.4.5 South America

5.4.5.1 Brazil

5.4.5.2 Argentina

5.4.5.3 Rest of South America

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 3M Company

6.1.2 A&D Medical

6.1.3 Easywell Biomedicals

6.1.4 American Diagnostic Corporation

6.1.5 Hicks Thermometers (India) Limited

6.1.6 Helen of Troy Limited (Kaz USA Inc.)

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 6.1.7 Hill-Rom (Welch Allyn)
- 6.1.8 Cardinal Health Inc.
- 6.1.9 Omron Corporation
- 6.1.10 Microlife Corporation (Midas Investment Company Limited)
- 6.1.11 Terumo Corporation
- 6.1.12 Briggs Healthcare
- 6.1.13 Hartmann

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Body Temperature Monitoring Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 114 pages | Mordor Intelligence

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 License | \$4750.00 |
| | Team License (1-7 Users) | \$5250.00 |
| | Site License | \$6500.00 |
| | Corporate License | \$8750.00 |
| | | VAT |
| | | Total |

*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="2026-03-05"/> |
| | | Signature | |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

