

## **Medical Thermometer Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 110 pages | Mordor Intelligence

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### **Report description:**

The medical thermometer market is expected to register a CAGR of 7.5% over the forecast period.

COVID-19 has had a significant impact on the growth of the market during the study period, primarily due to the rise in body temperatures in COVID-19-infected patients. The data published by Healthline in June 2021 mentioned that a review of studies across nine countries observed 24,420 adults with COVID-19, and 78% ran a fever at some point during their illness. The rise in body temperatures in infected patients during the pandemic drives the demand for medical thermometers. Also, COVID-19 paved the way for the development of innovative thermometers, thereby contributing to the growth of the market during the pandemic. For instance, Kinsa Health developed smart thermometers and a paired smartphone application to help in predicting COVID-19 infection. Such innovative product developments for monitoring the temperature of patients are expected to contribute to the growth of the market.

The major factor attributed to the market's growth is the growing number of medical situations requiring accurate measurement of body temperature for deciding the treatment options. Many infectious diseases have high fever as a major distinctive symptom; hence, measuring the body temperature is the primary diagnosis of many infections. According to the article published by NCBI in January 2020, fever is common in both bacterial and viral gastroenteritis. High fever is commonly present in many bacterial causes. The report also mentioned that high fever is often associated with influenza A virus infections, occurring in more than 50% of children. Adenovirus infection causes fever exceeding 40 degrees in about 20%. WHO stated in January 2022 that the global incidence of dengue had increased dramatically in the past decade. About half of the world's population is now at risk. There are an estimated 100-400 million infections each year. For instance, according to the July 2022 update of WHO, there were 241 million new cases of malaria registered in 2020 globally, an increase of 14 million cases from the previous year. As per the same source, a disproportionately large amount of the worldwide malaria burden is found in the African Region, representing about 95% of

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malaria cases. The increasing prevalence of infectious diseases is expected to boost the demand for thermometers. This factor, in turn, is expected to boost the market's growth.

Innovative product launches by key market players are expected to drive the growth of the market. For instance, in October 2021, Telli Health launched a contactless connected 4G digital wall-mounted infrared thermometer. Thus, the above-mentioned factors are expected to drive the growth of the market studied during the forecast period.

#### Medical Thermometer Market Trends

##### Digital Segment is Expected to Hold a Major Market Share in the Medical Thermometer Market

The increasing growth of the segment is due to the rising awareness of the advantages of digital thermometers. Mercury-free digital thermometers are easier to handle, safer, and more accurate. According to the data published by Southern Trading Company in July 2022, digital infrared thermometers have several advantages over traditional glass mercury thermometers, such as faster results, better accuracy, and safer use. Apart from the advantages of digital mercury-free thermometers, the major factors boosting the segment's growth are the increasing prevalence of infectious diseases, where measuring body temperature is the main diagnosis, and accurate measurement of the temperature is required. According to WHO, in 2020, there were about 241 million cases of malaria worldwide. The major symptoms of malaria are fever, headache, and chills. With the increasing prevalence of such diseases, the market is expected to witness significant growth.

Innovative product launches are also expected to drive the growth of this segment. For instance, in January 2022, Baracoda launched Bcool, the battery-free, mercury-free, eco-friendly connected thermometer. In July 2021, Hick launched the Hicks DT-12 digital thermometer with memory and beeper.

In June 2022, Exergen Corporation launched the TAT-2000 for professionals and the TAT-2000C for consumers at the medical fair in Mumbai, India. In July 2020, Detel Pro launched a digital thermometer, DT09. This intelligent digital thermometer has unique features, such as calibrating mode that helps adjust the temperature according to the environment.

Thus the above-mentioned factors are expected to drive the growth of the segment during the forecast period.

##### North America Dominates the Market and Expected to do Same in the Forecast Period

North America is expected to dominate the overall market during the forecast period. The market's growth is supported by factors, such as the presence of key players, a high prevalence rate of infectious diseases in the region, increasing R&D activities, technological advances, and rising concerns of individuals regarding self-healthcare management. In this region, the United States has the maximum share due to supportive healthcare policies, a high number of patients, and a developed healthcare market. According to the CDC in April 2020, about 15.5 million people visit physician's offices with infectious and parasitic diseases as the primary diagnosis, in the United States. Also, according to data published in 2022 from MedAlertHelp, 5-20 percent of Americans have influenza each year. Additionally, according to information released by the CDC, the 2019-2020 flu season resulted in an overall total of 35 million illnesses, 380,000 hospitalizations, 20,000 fatalities, and 16 million medical visits. Such incidence of infectious diseases among the population and the rise in patient visits to healthcare facilities is expected to drive the demand for the medical thermometer, thereby contributing to the growth of the market in this region.

Additionally, innovative product launches are also expected to drive the growth of the market in this region. For instance, In February 2022 Calera launched a wearable thermometer. A miniaturized sensor and AI-based algorithm defined the Calera technology. Similarly, in October 2020 GreenTEG launched Core medical in the United States as a clinical thermometer.

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Also, in October 2020, Masimo launched the Radius T continuous Thermometer for consumers. Wireless Radius T measures body temperature by continuously transmitting data and customizable temperature notifications to the User's smartphone. Such innovative and increasing product launches are expected to contribute to the growth of the market over the forecast period in the North American region.

Thus the above-mentioned factors are expected to drive the growth of the market during the forecast period in this region.

#### Medical Thermometer Market Competitor Analysis

The medical thermometer market is moderately competitive and consists of international as well as local companies. Some of the companies operating in the market are A&D Company Limited, American Diagnostic Corporation, Actherm Medical Corp., Exergen Corporation, Citizen Systems Japan Co. Ltd, Microlife Corporation, Omron Healthcare Inc., Cardinal Health, Innovo Medical, and Welch Allyn Inc.

#### Additional Benefits:

The market estimate (ME) sheet in Excel format  
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