

Malaysia Glucometer Market, By Product Type (Self-Monitoring Glucose Devices and Continuous Glucose Monitoring Devices), By Application (Type 1 Diabetes, Type 2 Diabetes, Gestational Diabetes), By End User (Home Care Settings, Hospital, Others), By Region, Competition, Forecast and Opportunities, 2018-2028F.

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Abstracts

Malaysia glucometer market is anticipated to grow significantly during the projected period of 2028 due to the increasing awareness about the blood glucose monitoring and rising prevalence of diabetes 1 and diabetes 2. Millions of individuals across the world suffer from the chronic condition of diabetes. To avoid issues and maintain general health, blood glucose levels must be carefully controlled. Glucose monitoring, which enables people with diabetes to assess their blood sugar levels and make knowledgeable decisions regarding their diet, exercise, and medicine, is one of the most important tools in the management of diabetes. Glucometer is a small, portable device that uses state-of-the-art technology to provide accurate and real-time blood glucose readings. It features a compact design that is easy to carry and can be used discreetly, allowing individuals with diabetes to monitor their glucose levels on the go, at work, or in social settings. The device uses a small lancet to obtain a blood sample, which is then analyzed using advanced algorithms to provide precise glucose readings in just a matter of seconds. One of the standout features of glucometer is its accuracy. The device utilizes advanced sensor technology that provides highly accurate glucose readings, reducing the risk of false readings and ensuring that individuals with diabetes can make informed decisions about their diabetes management plan. The accuracy of the device is crucial for people with diabetes who rely on accurate blood glucose readings to make adjustments to their diet, exercise, and medication, thereby augmenting the demand for glucometers. One of the key drivers of the Malaysia

glucometer market is the rising prevalence of diabetes in the country. Unhealthy diets, sedentary lifestyles, obesity, and genetic predisposition are some of the factors contributing to the high diabetes prevalence in Malaysia. As diabetes requires regular monitoring of blood glucose levels to manage the condition effectively, the demand for glucometers has increased among diabetic patients. Glucometers are portable and easy-to-use devices that allow individuals to monitor their blood glucose levels conveniently at home or on the go, providing them with real-time information about their blood sugar levels and helping them make informed decisions about their diet, physical activity, and medication intake. Also, there is a growing awareness among patients and healthcare providers about the importance of glucometer. Glucometers play a crucial role in early detection of diseases, enabling timely intervention and better patient outcomes. As a result, there is an increasing demand for glucometers in Malaysia. According to the National Health and Morbidity Survey 2019 (NHMS 2019), 49% of Malaysians with diabetes had never undergone testing or received a diagnosis.

Rising Number of Diabetic Cases Leads to the Increasing Demand for Glucometers

Diabetes, a chronic metabolic disorder characterized by high blood glucose levels, is a growing health concern across the world. Malaysia has witnessed a significant rise in the prevalence of both Type 1 diabetes (T1D) and Type 2 diabetes (T2D) in recent years. This trend has a significant impact on the Malaysia glucometer market, with an increasing demand for glucometers, which are essential tools for monitoring and managing diabetes. Type 1 diabetes, previously known as juvenile diabetes, is an autoimmune disease that occurs when the immune system mistakenly attacks and destroys the insulin-producing cells in the pancreas. T1D is typically diagnosed in children, adolescents, and young adults, although it can occur at any age. On the other hand, Type 2 diabetes, previously known as adult-onset diabetes, is a metabolic disorder characterized by insulin resistance, where the body does not effectively use insulin, and/or reduced insulin production. T2D is often associated with lifestyle factors such as sedentary behavior, unhealthy diets, obesity, and aging. According to the National Health and Morbidity Survey 2019, in Malaysia, type 2 diabetes (T2D) prevalence has increased to 20.8% in persons over the age of 30, affecting 2.8 million people. Diabetes is a serious public health concern in Malaysia. Several factors contribute to the increasing incidence of diabetes in Malaysia. One of the primary drivers is the changing lifestyle patterns of the population. With urbanization, economic growth, and globalization, there has been a shift toward sedentary behavior, unhealthy dietary habits, and increased stress levels. This has led to a rise in obesity rates, which is a known risk factor for developing type 2 diabetes. Additionally, the adoption of a Westernized diet that is high in sugar, unhealthy fats, and processed foods has become

more common in Malaysia, replacing traditional Mediterranean dietary patterns that were once considered healthy. Furthermore, the aging population in Malaysia is a significant factor in the rising incidence of diabetes. As the population ages, the risk of developing diabetes increases due to physiological changes in the body, decreased physical activity levels, and higher prevalence of other risk factors such as hypertension and dyslipidemia. With improved healthcare and advancements in medical technology, people are living longer, but this has also resulted in a higher burden of chronic diseases such as diabetes, thereby fueling the Malaysia glucometer market. The Malaysia glucometer market has witnessed several technological advancements in recent years, with glucometers becoming more user-friendly and incorporating features such as Bluetooth connectivity, smartphone apps, and cloud-based data storage, allowing for remote monitoring and better disease management. These technological advancements have made glucometers more convenient and efficient, leading to increased adoption among people with diabetes. According to WHO Statistics 2019, in Malaysia, the number of deaths due to diabetes for the age group 30-69 is 1170 for males and 1210 for females.

Rising Awareness and Government Initiatives Lead to Rising Demand for Glucometers

In recent years, there has been a growing awareness about the importance of monitoring blood glucose levels for managing diabetes, a chronic metabolic disorder that affects millions of people across the world. Malaysia, a Southeast Asian country, is no exception to this trend. With increasing prevalence of diabetes and rising awareness about the benefits of early detection and management of the condition, the demand for glucometers, also known as blood glucose meters, has been on the rise in Malaysia. Furthermore, the Government of Malaysia has taken several initiatives to promote diabetes awareness and management, which has further fueled the demand for glucometers in the country. In addition, Malaysia has a strong culture of health promotion and disease prevention. Many Malaysian organizations and NGOs actively work to raise awareness about healthcare facilities and preventive care through various initiatives. For instance, the Malaysia Diabetes Association mainly focus on educational activities, scientific publications, training people with diabetes, and improving the quality of life and medical treatment for people with diabetes. Additionally, there is an increased focus on early detection and management of diabetes, including regular screenings, lifestyle interventions, and appropriate medical treatments., which is expected to drive the growth of the Malaysia glucometer market during the forecast period. According to the National Health and Morbidity Survey 2019, highest prevalence rates were discovered in Negeri Sembilan (33.2%), Perlis (32.6%), and Pahang (25.7%) in Malaysia.

Market Segmentation

The Malaysia glucometer market is segmented into product type, application, end user, and company. Based on product type, the Malaysia glucometer market is divided into self-monitoring glucose devices and continuous glucose monitoring devices. Based on application, the Malaysia glucometer market is categorized into type 1 diabetes, type 2 diabetes, and gestational diabetes. Based on end user, the Malaysia glucometer market is categorized into home care settings, hospital, and others. Based on region, the Malaysia glucometer market is segmented into the East Malaysia and West Malaysia.

Company Profiles

Abbott, Roche, Johnson & Johnson, B. Braun Medical Industries, Siemens Healthcare, Transmedic Healthcare, Medtronic, NovoNordisk, Dexcom, and Ascensia Diabetes Care are some of the key players of the Malaysia glucometer market.

Report Scope:

In this report, the Malaysia Glucometer market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Malaysia Glucometer Market, By Product Type:

Self-Monitoring Glucose Devices

Continuous Glucose Monitoring Devices

Malaysia Glucometer Market, By Application:

Type 1 Diabetes

Type 2 Diabetes

Gestational Diabetes

Malaysia Glucometer Market, By End User:

Home Care Settings

Hospital, Others

Malaysia Glucometer Market, By Region:

The East Malaysia

The West Malaysia

Competitive landscape

Company Profiles: Detailed analysis of the major companies in the Malaysia glucometer market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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