

Blood Gas and Electrolyte Analyzer Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global blood gas and electrolyte analyzer market size reached US\$ 2.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.9 Billion by 2028, exhibiting a growth rate (CAGR) of 6.41% during 2023-2028.

Blood gas and electrolyte analyzers refer to medical devices used to measure various parameters, including blood gas (partial pressure of carbon dioxide and oxygen), pH, electrolytes, and metabolites, in a whole blood sample. They are widely utilized for the detection of metabolic imbalances and the measurement of renal and cardiac functions. They also help determine abnormal electrolyte levels in the blood, levels of oxygen or carbon dioxide exchange, and the acid-base balance of the patient. Moreover, they assist in identifying diabetes, blood vessel hemorrhage, and drug consumption. In recent years, blood gas and electrolyte analyzers have gained immense popularity across clinical diagnostic labs and critical care units due to their ease of use, cost-effectiveness, accuracy, and fast results.

Blood Gas and Electrolyte Analyzer Market Trends:

Blood gas and electrolyte analyzers can streamline work processes, minimize errors, require minimum maintenance, and provide accurate results quickly. As a result, the increasing number of patients in intensive care units (ICUs), operating rooms, and emergency departments represent the primary factor driving the market growth. Besides this, the widespread prevalence of chronic diseases, such as diabetes and cardiovascular disorders, and the growing geriatric population that is more susceptible to developing these medical ailments are augmenting the product demand. Additionally,

there has been a significant increase in the demand for high throughput, integrated, and automated systems. Along with this, the rising integration of blood gas and electrolyte analyzers with laboratory information systems and electronic medical records to streamline the workflow and enable effective monitoring of patient health is catalyzing the market growth. Furthermore, several leading players are making heavy investments for the development of portable blood gas and electrolyte analyzers with easy-to-use and handle features and minimum maintenance requirements. Other factors, including the shifting preferences toward point-of-care testing (POCT), developments in the healthcare industry, technological advancements, product innovations, and extensive research and development (R&D) activities, are also creating a favorable market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global blood gas and electrolyte analyzer market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, modality and end user.

Breakup by Product Type:

- Analyzers
- Consumables

Breakup by Modality:

- Benchtop
- Portable

Breakup by End User:

- Hospitals
- Clinics
- Ambulatory Surgical Centers
- Others

Breakup by Region:

- North America
- United States

Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Abbott Laboratories Inc., Dalko Diagnostics, Erba Group (Transasia Bio-Medicals Ltd.), Medica Corporation, Nova Biomedical Corporation, OPTI Medical Systems Inc. (IDEXX Laboratories), Radiometer Medical ApS (Danaher Corporation), Roche Holding AG, Siemens AG, and WerfenLife S.A.

Key Questions Answered in This Report

1. How big is the global blood gas and electrolyte analyzer market?
2. What is the expected growth rate of the global blood gas and electrolyte analyzer market during 2023-2028?
3. What are the key factors driving the global blood gas and electrolyte analyzer market?
4. What has been the impact of COVID-19 on the global blood gas and electrolyte analyzer market?

5. What is the breakup of the global blood gas and electrolyte analyzer market based on the product type?
6. What is the breakup of the global blood gas and electrolyte analyzer market based on the modality?
7. What is the breakup of the global blood gas and electrolyte analyzer market based on the end user?
8. What are the key regions in the global blood gas and electrolyte analyzer market?
9. Who are the key players/companies in the global blood gas and electrolyte analyzer market?

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