

Carbon Dioxide Incubators Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global carbon dioxide incubators market size reached US\$ 697 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,000 Million by 2028, exhibiting a growth rate (CAGR) of 6.2% during 2022-2028.

A carbon dioxide incubator is a sealed, climate-controlled box utilized in life science laboratories for growing biological cell cultures. It helps maintain an optimal environment for cell growth by offering CO₂ control in a humidified atmosphere with a constant temperature. Its interiors are made using corrosion-resistant materials, such as stainless steel, and have very few sharp edges and grooves to avoid places wherein pathogens can proliferate. The air flows through a sterile filter in the incubator and is distributed evenly throughout the whole interior as samples are generally positioned on different shelves. At present, CO₂ incubators are available in numerous sizes and configurations and offer specific features like the support of hypoxic applications.

The global market is currently experiencing growth on account of the expanding applications of CO₂ incubators in different studies, such as cancer, embryonic cell, stem cell, neuroscience, tissue engineering and cultivation of mammalian cells. Apart from this, the key players are focusing on the integration of advanced technologies and the introduction of incubators with innovative features, such as self-calibration, password-protected settings, door opening alarms, auto decontamination cycles, and pre-set and over-temperature alarms, to expand their product portfolio and increase their sales. Some of the other factors propelling the growth of the market are the increasing expenditure in the pharmaceutical sector on research and development activities, government and corporate support, and the rising utilization of next-generation equipment.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global

carbon dioxide incubators 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, application and capacity.

Breakup by Product Type:

Water Jacketed

Air Jacketed

Direct Heat

Others

Breakup by Application:

Laboratory Research and Clinical Applications

In Vitro Fertilization

Others

Breakup by Capacity:

Below 100 Litre

100-200 Litre

Above 200 Litre

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 report has also analysed the competitive landscape of the market with some of the key players being Bellco Glass Inc., Binder GmbH, Eppendorf AG, LEEC Limited, Memmert GmbH + Co. KG, Nu Aire Inc., PHC Holdings Corporation, Sheldon Manufacturing Inc., S P Industries Inc. (Harbour Group Ltd.) and Thermo Fisher Scientific Inc.

Key Questions Answered in This Report:

How has the global carbon dioxide incubators market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global carbon dioxide incubators market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the capacity?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global carbon dioxide incubators market and who are the key players?

What is the degree of competition in the industry?

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