

Global Laboratory Centrifuges Market Size study, by Product (Equipment, Accessories) by Model Type (Benchtop, Floor Standing), by Rotor Design(Fixed-angle, Swinging-bucket, Vertical, Others), by Intended Use(General Purpose, Clinical, Preclinical), Application(Diagnostics, Microbiology, Cellomics, Genomics, Proteomics, Blood Component Separation, Other Applications), End User(Hospitals, Biotechnology & Pharmaceutical Companies, Academic & Research Institutions) and Regional Forecasts 2022-2028

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Abstracts

Global Laboratory Centrifuges Market is valued approximately USD 1.8 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.0% over the forecast period 2022-2028. A centrifuge is a laboratory apparatus used to separate fluids, either gas or liquid, depending on density. Separation is accomplished by rapidly rotating a vessel holding material; centrifugal force forces heavier elements to the exterior of the vessel. Laboratory centrifuge innovation focuses on improving convenience, speed, compactness, safety, efficiency, and accuracy. Centrifuge rotors were previously manufactured of tensile steel before being replaced with aluminium and titanium alloys. Carbon fibre rotors are also far lighter than their aluminium equivalents, weighing only 8 kg as opposed to 21 kg previously. Carbon fibre enhances rotor flexibility and resistance to chemical corrosion and structural fatigue. Carbon fibre is used in the FIBERLite Fixed-Angle Rotor by Beckman Coulter (bought by Danaher) and Thermo Scientific Fiberlite rotors. Furthermore, the development of high-speed

centrifuges has significantly shortened the time necessary for centrifugation, lowering the risk of dangers occurring during the process. Design advancements have made changing and maintaining important equipment elements, like as rotors, easier. Certain prominent competitors in the laboratory centrifuges market have released centrifuges with upgraded rotors and other features in recent years. For example, in 2021, Eppendorf AG (Germany) will release the Multipurpose Centrifuge 5910 Ri, which has new technologies to improve and simplify centrifugation. KUBOTA Corporation (Japan) will release the Benchtop Centrifuge S500T and Floor-Standing Refrigerated Centrifuge S500FR in 2021. However, high equipment costs impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Laboratory Centrifuges Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America commanded the largest share of the laboratory centrifuges market. The substantial proportion of North America can be ascribed to rising government R&D spending, increased emphasis on better infectious disease management and treatment, and rapid expansion in the pharmaceutical business. Furthermore, Asia Pacific is expected to have the greatest CAGR during the predicted period.

Major market player included in this report are:

Thermo Fisher Scientific, Inc.

Danaher Corporation

Eppendorf AG

KUBOTA Corporation

Sigma Laborzentrifugen GmbH

Andreas Hettich GmbH & Co.KG

NuAire

QIAGEN N.V.

Sartorius AG

HERMLE Labortechnik GmbH

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Equipment

Accessories

By Model Type:

Benchtop

Floor Standing

By Rotor Design:

Fixed-angle

Swinging-bucket

Vertical

Others

By Intended Use:

General Purpose

Clinical

Preclinical

By Application:

Diagnostics

Microbiology

Cellomics

Genomics

Proteomics

Blood Component Separation

Other Applications

By End User:

Hospitals

Biotechnology & Pharmaceutical Companies

Academic & Research Institutions

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Laboratory Centrifuges Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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