

Global Microbioreactor (MBR) System Market Research Report 2023

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Abstracts

According to QYResearch's new survey, global Microbioreactor (MBR) System market is projected to reach US\$ 283.2 million in 2029, increasing from US\$ 145 million in 2022, with the CAGR of 10.1% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Microbioreactor (MBR) System market research.

Biotechnology and life science are one of the important driving forces of the new technological revolution in the 21st century. The new generation of industrial biotechnology with microbial fermentation technology as the core is playing an increasingly important role, and large-scale screening of high-yield strains is therefore listed as a key research content. The traditional strain screening technology not only has a large workload, is time-consuming and laborious, but also has some problems: first, the strain screening is carried out in shake flasks without any detection parameters, and there is a big gap between the screening environment and the industrial fermentation production environment. As a result, many strains that are really suitable for industrial production and have excellent performance are screened out at the initial stage of screening; secondly, the strain screening and fermentation condition optimization are separated, and the two lack the connection of technical parameters, resulting in the failure of high-yield strains screened in shake flasks. Production performance cannot be reflected in production. In order to overcome these problems, strain screening technology is developing towards high-throughput, automation, and miniaturization in recent years, and the most important trend is the miniaturization of reactors. Miniature bioreactors can make up for the shortcomings of shake flask culture. Researchers at home and abroad are stepping up the development of micro-bioreactors.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Microbioreactor (MBR) System market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Sartorius

Applikon Biotechnology

Eppendorf

Pall Corporation

PARR

M2p-labs

INFORS HT

PBS Biotech

Sysbiotech

HiTec Zang

Segment by Type

24 Parallel Bioreactors

48 Parallel Bioreactors

Others

Segment by Application

Pharma

Biotech

Food Industry

Scientific Research Institutes

Others

Production by Region

North America

Europe

China

Japan

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Microbioreactor (MBR) System report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

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