

# Breathing Circuits Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/BE57BA30EA1DEN.html>

Date: October 2023

Pages: 140

Price: US\$ 2,499.00 (Single User License)

ID: BE57BA30EA1DEN

## Abstracts

### Market Overview:

The global breathing circuits market size reached US\$ 1.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1.7 Billion by 2028, exhibiting a growth rate (CAGR) of 3.3% during 2023-2028.

Breathing circuits, also known as breathing systems, are medical devices that serve as an interface between a patient and the anesthesia machine. They deliver and remove expired gas and allow assisted and controlled respiration to the patient. They help in converting the steady gas output of a machine to a flow and pressure cycle, which is consonant with the human breathing cycle. Therefore, they are utilized in gas sampling, and the monitoring of airway pressure, flow, and volume. Breathing circuits comprise breathing tubes, adjustable pressure limiting valves, reservoir bags, connectors, and adaptors, which help in delivering oxygen and administering anesthetic gases and vapors to patients.

The rising number of coronavirus (COVID-19) cases represents one of the key factors escalating the demand for breathing circuits around the globe. Breathing circuits are used in operating rooms, post-operative care units, conveyance rooms and intensive care units (ICUs) to support the breathing of the patient. They also minimize the risk of contamination from the surroundings and cross-contamination between patients. Other than this, the increasing prevalence of chronic respiratory diseases, such as asthma, chronic obstructive pulmonary disease, and obstructive sleep apnea, is also impelling the market growth. Furthermore, the growing geriatric population and the escalating number of surgical procedures are positively influencing the demand for breathing

circuits. Apart from this, several key players are providing moisture filters, innovative tubes, and heat face masks to enhance the comfort and care provided to the patient. This, along with increasing investments for improving the healthcare infrastructure, is expected to drive the market in the upcoming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global breathing circuits market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on circuit type, application and end-user.

#### Breakup by Circuit Type:

Open Breathing Circuit

Closed Breathing Circuit

Others

#### Breakup by Application:

Anesthesia

Respiratory Dysfunction

Others

#### Breakup by End-User:

Hospitals

Clinics

Ambulatory Surgery 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 report has also analysed the competitive landscape of the market with some of the key players being Ambu A/S, Armstrong Medical Ltd., BD (Becton Dickinson and Company), Bio-Med Devices, Drägerwerk AG & Co. KGaA, Fisher & Paykel Healthcare, Smiths Group Plc, Teleflex Incorporated, WilMarc LLC., etc.

Key Questions Answered in This Report:

How has the global breathing circuits market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global breathing circuits market?

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

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

What is the breakup of the market based on the end-user?

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 breathing circuits market and who are the key players?

What is the degree of competition in the industry?

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