

Digital Dose Inhaler Market Report by Type (Branded Medication, Generics Medication), Product (Metered Dose Inhaler, Dry Powder Inhaler), and Region 2024-2032

<https://marketpublishers.com/r/DA44D2C1B051EN.html>

Date: March 2024

Pages: 143

Price: US\$ 3,899.00 (Single User License)

ID: DA44D2C1B051EN

Abstracts

The global digital dose inhaler market size reached US\$ 3.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 10.1 Billion by 2032, exhibiting a growth rate (CAGR) of 12.7% during 2024-2032. The growing focus on chronic respiratory disease management, technological advancements for real time adjustments, and increasing prevalence of chronic respiratory diseases (CRDs), such as asthma and chronic obstructive pulmonary disease (COPD), are some of the major factors propelling the market.

A digital dose inhaler (DDI) is used for delivering medication to individuals suffering from respiratory ailments like asthma or chronic obstructive pulmonary disease (COPD). It comprises built-in sensors and electronic features that can record when the medication is administered and the quantity of the dose. It assists in ensuring adherence to prescribed treatment routines and allowing for a better understanding of the disease of the patient and the effectiveness of the medication. As it provides feedback to the users and helps them to correct their technique, the demand for DDI is rising across the globe.

At present, the increasing adoption of DDIs, as they offer enhanced convenience and effectiveness in medication delivery, is bolstering the growth of the market. Besides this, the growing demand for efficient and effective inhalation devices among patients is offering a positive market outlook. In line with this, the rising adoption of DDIs among the geriatric population, as they are more prone to respiratory issues, is propelling the market growth. Apart from this, the increasing utilization of DDIs, as they make treatment more transparent and potentially more effective, is contributing to the market

growth. Furthermore, the integration of artificial intelligence (AI) in DDIs to enable enhanced monitoring of medication usage and provide real-time feedback to patients is strengthening the market growth. Moreover, the increasing focus on personalized medicines among individuals is supporting the market growth.

Digital Dose Inhaler Market Trends/Drivers:

Increasing prevalence of chronic respiratory diseases

The rising prevalence of chronic respiratory diseases (CRDs), such as asthma and chronic obstructive pulmonary disease (COPD), among the masses worldwide is contributing to the market growth. In addition, there is an increase in the demand for enhanced drug delivery systems among individuals requiring management of their respiratory conditions. Apart from this, DDIs offer a modern solution by ensuring accurate dosage and providing feedback on usage to both patients and healthcare providers, which is offering a positive market outlook. In line with this, the data collected can be instrumental in personalizing treatment plans, improving adherence to medication regimes, and potentially reducing hospitalizations related to CRDs.

Technological advancements for real time adjustments

Various companies are continuously advancing their DDIs to provide enhanced care and satisfaction to patients. They offer features, such as dose counting, adherence monitoring, and data transmission, to healthcare providers. In line with this, these features promote better disease management, allow for real-time adjustments to treatment plans, and ensure that patients are effectively adhering to their medication schedules, which is offering a favorable market outlook. Apart from this, the technology in DDIs can provide immediate feedback to patients on their inhalation technique, which is crucial for the effectiveness of the treatment. As a result, these advancements are enhancing the quality of respiratory care for patients suffering from severe respiratory disorders.

Growing focus on chronic respiratory disease management

The rising focus on chronic respiratory disease (CRD) management among individuals and healthcare providers is contributing to the growth of the market. In line with this, there is an increase in the demand for more efficient and effective management of CRDs. Apart from this, DDIs can monitor medication adherence and provide actionable feedback, which plays a crucial role in the broader strategy of chronic respiratory disease management. In addition, they enable healthcare providers to have better

insights into patient adherence and disease progression, facilitating timely interventions and potentially better outcomes for patients. Furthermore, the rising adoption of DDIs, as they promote better self-management, is propelling the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on type and product.

Breakup by Type:

Branded Medication
Generics Medication

Branded medication accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the type. This includes branded medication and generics medication. According to the report, branded medication represented the largest segment. Branded medication refers to drugs that are developed and marketed by pharmaceutical companies under a proprietary name. These medications are often the first of their kind to be introduced to the market and are protected by patents, preventing other companies from selling generic versions for a certain period. The development of branded medications involves thorough research and development (R&D) activities to ensure their efficacy, safety, and quality. Pharmaceutical companies are investing significantly in (R&D) to develop new respiratory medications, which are then sold under a brand name, often at a higher price point due to the innovation and research backing them.

Breakup by Product:

Metered Dose Inhaler
Dry Powder Inhaler

Metered dose inhaler holds the largest share in the industry

A detailed breakup and analysis of the market based on the product has also been provided in the report. This includes metered dose inhaler and dry powder inhaler. According to the report, metered dose inhaler accounted for the largest market share. Metered dose inhalers (MDIs) are one of the most common types of inhalers used in

respiratory therapy. They are designed to deliver a specific amount of medication to the lungs, with each actuation or press of the inhaler. MDIs consist of a pressurized canister that contains medication in a liquid or aerosol form, housed within a plastic case with a mouthpiece. When the inhaler is actuated, it releases a measured dose of medication in aerosol form for inhalation. MDIs are popular due to their portability, ease of use, and the ability to provide quick relief in acute respiratory situations. They are highly effective for delivering bronchodilators and steroids which are commonly used in the management of conditions like asthma and Chronic Obstructive Pulmonary Disease (COPD).

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

North America leads the market, accounting for the largest digital dose inhaler market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America accounted for the largest market share.

North America held the biggest market share due to the increasing adoption of advanced respiratory devices. Additionally, the presence of well-established pharmaceutical and medical device companies is offering a positive market outlook. Apart from this, the rising focus on improving respiratory care solutions is contributing to the growth of the market. In addition, increasing incidences of respiratory disorders among individuals are propelling the growth of the market.

Competitive Landscape:

Various companies are investing in research and development (R&D) activities to create DDIs with enhanced features, such as improved dose counting, adherence monitoring, and real-time feedback mechanisms, to cater to the needs of patients and healthcare providers. Apart from this, companies are engaging in collaborations and partnerships to expand their technological capabilities and market reach. In line with this, they are providing more user-friendly and effective solutions for managing respiratory diseases. Besides this, major manufacturers are working on specialized inhaler solutions that are tailored to deliver complex biologics. Furthermore, companies are engaging in marketing and awareness campaigns to educate healthcare providers and patients about the advantages of digital dose inhalers over traditional ones.

The market research report has provided a comprehensive analysis of the competitive landscape. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

3M Company
AstraZeneca plc
GlaxoSmithKline plc
Glenmark Pharmaceuticals Limited
H&T Presspart Manufacturing Ltd.
Koninklijke Philips N.V.
Lupin Limited
Novartis AG

OPKO Health Inc.
Propeller Health (ResMed)
Sensirion AG Switzerland
Teva Pharmaceutical Industries Ltd.

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

Recent Developments:

In September 2020, Teva Respiratory, LLC., a U.S. affiliate of Teva Pharmaceutical Industries Ltd launched two digital maintenance inhalers, such as AirDuo® Digihaler® (fluticasone propionate and salmeterol) inhalation powder and ArmonAir® Digihaler® (fluticasone propionate) inhalation powder, for patients with asthma.

In February 2022, AstraZeneca and Honeywell partnered to develop next-generation respiratory inhalers using the propellant HFO-1234ze, which has less Global Warming Potential (GWP) than propellants currently used in respiratory medicines.

In July 2023, Lupin launched a pressurized metered dose inhaler for the treatment of asthma and chronic obstructive pulmonary disease (COPD) in Germany.

Key Questions Answered in This Report

1. What was the size of the global digital dose inhaler market in 2023?
2. What is the expected growth rate of the global digital dose inhaler market during 2024-2032?
3. What are the key factors driving the global digital dose inhaler market?
4. What has been the impact of COVID-19 on the global digital dose inhaler market?
5. What is the breakup of the global digital dose inhaler market based on the type?
6. What is the breakup of the global digital dose inhaler market based on the product?
7. What are the key regions in the global digital dose inhaler market?
8. Who are the key players/companies in the global digital dose inhaler market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL DIGITAL DOSE INHALER MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Branded Medication
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Generics Medication
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY PRODUCT

7.1 Metered Dose Inhaler

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Dry Powder Inhaler

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY REGION

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

8.2.6.2 Market Forecast

8.2.7 Others

8.2.7.1 Market Trends

8.2.7.2 Market Forecast

8.3 Europe

8.3.1 Germany

8.3.1.1 Market Trends

8.3.1.2 Market Forecast

8.3.2 France

8.3.2.1 Market Trends

8.3.2.2 Market Forecast

8.3.3 United Kingdom

8.3.3.1 Market Trends

8.3.3.2 Market Forecast

8.3.4 Italy

8.3.4.1 Market Trends

8.3.4.2 Market Forecast

8.3.5 Spain

8.3.5.1 Market Trends

8.3.5.2 Market Forecast

8.3.6 Russia

8.3.6.1 Market Trends

8.3.6.2 Market Forecast

8.3.7 Others

8.3.7.1 Market Trends

8.3.7.2 Market Forecast

8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 SWOT ANALYSIS

- 9.1 Overview
- 9.2 Strengths
- 9.3 Weaknesses
- 9.4 Opportunities
- 9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
 - 13.3.1 3M Company
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.1.3 Financials
 - 13.3.1.4 SWOT Analysis
 - 13.3.2 AstraZeneca plc
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.2.4 SWOT Analysis
 - 13.3.3 GlaxoSmithKline plc
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials

13.3.4 Glenmark Pharmaceuticals Limited

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.4.3 Financials

13.3.4.4 SWOT Analysis

13.3.5 H&T Presspart Manufacturing Ltd.

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.6 Koninklijke Philips N.V.

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

13.3.6.3 Financials

13.3.6.4 SWOT Analysis

13.3.7 Lupin Limited

13.3.7.1 Company Overview

13.3.7.2 Product Portfolio

13.3.8 Novartis AG

13.3.8.1 Company Overview

13.3.8.2 Product Portfolio

13.3.8.3 Financials

13.3.8.4 SWOT Analysis

13.3.9 OPKO Health Inc.

13.3.9.1 Company Overview

13.3.9.2 Product Portfolio

13.3.9.3 Financials

13.3.10 Propeller Health (ResMed)

13.3.10.1 Company Overview

13.3.10.2 Product Portfolio

13.3.11 Sensirion AG Switzerland

13.3.11.1 Company Overview

13.3.11.2 Product Portfolio

13.3.11.3 Financials

13.3.12 Teva Pharmaceutical Industries Ltd.

13.3.12.1 Company Overview

13.3.12.2 Product Portfolio

13.3.12.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Digital Dose Inhaler Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Digital Dose Inhaler Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Digital Dose Inhaler Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 4: Global: Digital Dose Inhaler Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Global: Digital Dose Inhaler Market: Competitive Structure

Table 6: Global: Digital Dose Inhaler Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Digital Dose Inhaler Market: Major Drivers and Challenges
- Figure 2: Global: Digital Dose Inhaler Market: Sales Value (in Billion US\$), 2018-2023
- Figure 3: Global: Digital Dose Inhaler Market Forecast: Sales Value (in Billion US\$), 2024-2032
- Figure 4: Global: Digital Dose Inhaler Market: Breakup by Type (in %), 2023
- Figure 5: Global: Digital Dose Inhaler Market: Breakup by Product (in %), 2023
- Figure 6: Global: Digital Dose Inhaler Market: Breakup by Region (in %), 2023
- Figure 7: Global: Digital Dose Inhaler (Branded Medication) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 8: Global: Digital Dose Inhaler (Branded Medication) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 9: Global: Digital Dose Inhaler (Generics Medication) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 10: Global: Digital Dose Inhaler (Generics Medication) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 11: Global: Digital Dose Inhaler (Metered Dose Inhaler) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 12: Global: Digital Dose Inhaler (Metered Dose Inhaler) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 13: Global: Digital Dose Inhaler (Dry Powder Inhaler) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 14: Global: Digital Dose Inhaler (Dry Powder Inhaler) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 15: North America: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 16: North America: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 17: United States: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 18: United States: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 19: Canada: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 20: Canada: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Asia-Pacific: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Asia-Pacific: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: China: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: China: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Japan: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Japan: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: India: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: India: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: South Korea: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: South Korea: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Australia: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Australia: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Indonesia: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Indonesia: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Others: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Others: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Europe: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Europe: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Germany: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Germany: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: France: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: France: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: United Kingdom: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: United Kingdom: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Italy: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Italy: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Spain: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Spain: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Russia: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Russia: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Others: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Others: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Latin America: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Latin America: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Brazil: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Brazil: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Mexico: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Mexico: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Others: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Others: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Middle East and Africa: Digital Dose Inhaler Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Middle East and Africa: Digital Dose Inhaler Market: Breakup by Country (in %), 2023

Figure 63: Middle East and Africa: Digital Dose Inhaler Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Global: Digital Dose Inhaler Industry: SWOT Analysis

Figure 65: Global: Digital Dose Inhaler Industry: Value Chain Analysis

Figure 66: Global: Digital Dose Inhaler Industry: Porter's Five Forces Analysis

I would like to order

Product name: Digital Dose Inhaler Market Report by Type (Branded Medication, Generics Medication), Product (Metered Dose Inhaler, Dry Powder Inhaler), and Region 2024-2032

Product link: <https://marketpublishers.com/r/DA44D2C1B051EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DA44D2C1B051EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

