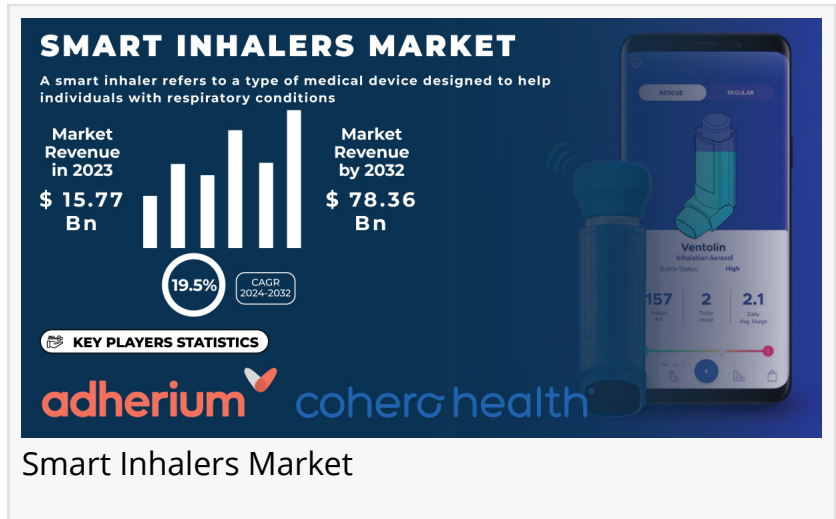


# Smart Inhalers Market Set to Reach USD 78.36 Billion by 2032 with a 19.5% CAGR | By S&S Insider

*The smart inhaler market advances respiratory care with tech-enabled devices, offering dose tracking, reminders, and data sharing for better health outcomes.*

AUSTIN, TX, UNITED STATES, December 5, 2024 /EINPresswire.com/ -- The [Smart Inhalers Market](#) was valued at USD 15.77 billion in 2023 and is anticipated to reach USD 78.36 billion by 2032, growing at a remarkable CAGR of 19.5% during the forecast period of 2024-2032.



## Surge in Smart Inhaler Adoption Fuelled by Enhanced Medication Adherence and Technological Advancements

The smart inhalers market is benefiting from the increasing prevalence of chronic respiratory diseases, the shift towards home-based care, and advancements in connected device technology. These inhalers, equipped with sensors and IoT connectivity, offer improved medication adherence, which is expected to contribute to the market's robust growth. Furthermore, regulatory approvals and growing awareness of asthma and COPD management are additional factors accelerating the adoption of smart inhalers across the globe.

## Market Overview

The increasing demand for smart inhalers is being driven by the need for enhanced medication management and better outcomes for chronic respiratory diseases such as asthma and chronic obstructive pulmonary disease (COPD). Smart inhalers combine sensors, digital tracking, and real-time data analytics, offering patients and healthcare providers the ability to monitor medication adherence and inhaler technique remotely.

Additionally, there has been significant investment in research and development for more advanced smart inhaler systems, capable of integrating with mobile apps to provide real-time feedback on medication usage. These systems aim to address the challenge of poor inhaler adherence and improper usage techniques, which often lead to exacerbations in respiratory diseases. As a result, there is increasing demand for these devices, which is further boosted by the growing consumer interest in connected healthcare solutions.

Smart inhalers are gaining traction among both patients and healthcare providers because of their ability to monitor medication usage, ensure proper inhaler techniques, and track symptoms in real-time. This technology's seamless integration with mobile devices, as well as cloud-based platforms, is making them increasingly accessible, leading to their growing adoption in the healthcare system worldwide.

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Major Players:

- Adherium Limited
- Pneuma Respiratory Inc.
- H&T Presspart Manufacturing Ltd.
- COHERO Health Inc.
- Personal Air Quality Systems Private Limited
- Cognita Labs
- Teva Pharmaceuticals Industries Ltd.
- Amiko Digital Health Limited
- Novartis AG
- Propeller Health

Segment Analysis

By Product

- Nebulizers
- Inhalers

Inhalers were the dominant product type within the Smart Inhalers Market, holding a significant market share. This segment is expected to continue its lead due to the widespread use of inhalers for asthma and COPD treatment, coupled with innovations in digital health technologies. In 2023, inhalers accounted for approximately 75% of the market share. The integration of smart sensors in inhalers has provided healthcare providers with valuable data that can help adjust treatment plans more effectively, leading to better patient outcomes.

Nebulizers are also experiencing growth but at a slower rate compared to inhalers. Nebulizers

are typically used for patients who are unable to use inhalers effectively, including children or elderly patients with severe respiratory conditions.

#### By Indication

- COPD
- Asthma

COPD is the fastest-growing indication segment in the Smart Inhalers Market. COPD is one of the leading causes of death worldwide, and the need for effective management of the disease is driving the demand for smart inhalers. The integration of digital health solutions helps COPD patients better manage their disease by providing real-time data on inhaler usage and medication adherence.

Asthma held the largest market share in terms of indication. Asthma has a higher incidence rate compared to COPD and is also becoming more manageable with the help of smart inhalers. This segment accounted for 60% of the market share in 2023 and continues to dominate due to increasing adoption among asthma patients seeking better management of their condition.

#### By Distribution Channel

- Retail Pharmacies
- Hospital Pharmacies

Retail Pharmacies dominated the distribution channel segment, holding around 70% of the market share in 2023. The widespread availability of smart inhalers in pharmacies, coupled with the ease of access to over-the-counter medications, makes this channel a primary source for patient acquisition.

Hospital Pharmacies are also a significant channel but contribute to a smaller portion of the market share as they primarily serve patients with more complex health conditions who require advanced inhaler devices.

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#### Recent Developments

□ April 2024: Adherium received FDA clearance for its Hailie Smartinhaler, which now supports AstraZeneca's Breztri and Airsupra inhalation devices. This clearance introduces real-time insights into inhaler technique and medication usage.

□ August 2022: Adherium Limited partnered with Trudell Medical Limited to combine their expertise in smart inhalers and eHealth platforms for better management of COPD in U.S. patients.

## Conclusion

The Smart Inhalers Market is poised for significant growth as advancements in IoT and digital health technologies revolutionize the way respiratory diseases are managed. With a focus on improving medication adherence and offering real-time monitoring, smart inhalers are becoming increasingly essential for asthma and COPD patients. As the market evolves, the continued development of user-friendly devices and expanded healthcare coverage will further fuel growth.

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