

Sleep Apnea Devices Market to Reach \$14B by 2031, Driven by Home-Based Care and Smart Diagnostics

DataM Intelligence forecasts 7.9% CAGR as wearable tech, AI-powered therapies, and growing diagnosis rates reshape the sleep apnea care landscape.

LOS ANGELES, CA, UNITED STATES, July 30, 2025 /EINPresswire.com/ -- The [Sleep Apnea Devices market size](#) was valued at USD 7,981.80 million in 2021 and is projected to grow at a compound annual growth rate (CAGR) of 7.9% during the forecast period from 2024 to 2031.

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Key Market Drivers

- Rising Prevalence of Sleep Disorders



Sleep care is shifting homeward portable AI-driven devices are redefining how we diagnose and treat millions worldwide."

DataM Intelligence

Increasing global incidence of obstructive sleep apnea (OSA) is a key factor propelling the market. Lifestyle-related conditions such as obesity and cardiovascular diseases further contribute to the surge in sleep-disordered breathing.

- **Technological Advancements in Devices**
Ongoing innovation has led to quieter, more compact, and user-friendly devices. Integration with smartphone apps, cloud-based data tracking, and AI-powered monitoring systems are enhancing treatment compliance and

outcomes.

- **Greater Awareness and Diagnosis Rates**

Public health campaigns, growing media coverage, and employer-sponsored wellness programs



have contributed to heightened awareness. More individuals are undergoing sleep studies, boosting demand for diagnostic and therapeutic devices.

- Shift Toward Home-Based Sleep Care

The demand for portable and home-based sleep apnea solutions is growing, driven by patient preference, lower costs, and convenience. This trend gained momentum post-pandemic and continues to support market expansion.

- Supportive Reimbursement Policies and Regulatory Approvals

Many countries have introduced favorable reimbursement policies and streamlined regulatory pathways for sleep apnea therapies, facilitating faster market entry and patient access.

Market Segments:

- By Device Type (Diagnostic Devices, Therapeutic Devices, PAP Devices, Facial Interfaces, Oral Appliances, Adaptive servo-ventilators, Others),
- By Region (North America, Latin America, Europe, Asia Pacific, Middle East, and Africa)

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Sleep Apnea Devices Market: Geographical Share:

- The Sleep Apnea Devices Market exhibits strong growth across several regions, with North America leading due to a high prevalence of sleep disorders, growing awareness, and advanced healthcare infrastructure. The U.S. accounts for a significant portion of regional revenue, supported by favorable reimbursement policies and a robust presence of medical device manufacturers.
- Europe follows closely, driven by increasing diagnosis rates and government-backed initiatives promoting sleep health. Countries such as Germany, the UK, and France have witnessed notable adoption of Continuous Positive Airway Pressure (CPAP) devices and home-based sleep testing equipment.
- Asia-Pacific is emerging as the fastest-growing region, fueled by a large undiagnosed patient base, rising disposable income, and expanding healthcare access. Nations like China, India, and Japan are investing in modernizing their sleep medicine infrastructure, which is expected to accelerate regional market penetration.
- Latin America and the Middle East & Africa show gradual progress, supported by improving healthcare facilities and rising public awareness, though constrained by limited access in rural areas and lower affordability.

Market Key Players:

Key players are Philips Healthcare, Cadwell Laboratories Inc., Fisher & Paykel Healthcare Limited, Natus Medical Incorporated, ResMed, Nihon Kohden Corporation, Invacare Corporation, keepMED Ltd., Sleep score, BMC Medical CO., Ltd, ImThera Medical Inc.

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Product Launches & Innovations:

- Inspire Medical Systems – Inspire Five

In May 2025, Inspire launched Inspire[®]five, a refined hypoglossal nerve stimulation implant that reduces procedure time by ~20%, removes the pressure-sensing lead, and integrates with SleepSync for automatic data storage. It's currently being adopted by surgeons worldwide, with Inspire[®]six already in early development to add auto[®]titration and positional detection features.

- Apnimed – Ring[®]Shaped Pulse Oximeter

Unveiled at the American Thoracic Society conference in May 2025, this FDA[®]approved ring[®]shaped pulse oximeter enables extended at[®]home monitoring. Patients used it over many nights, showing much higher compliance than typical PSG and improving diagnostic consistency for obstructive sleep apnea.

- Dianyx Innovations – AI[®]Powered Oral Appliance

At CES 2025 in January, Dianyx showcased a smart Oral Appliance Therapy (OAT) device embedded with AI[®]sensors. It captures continuous data (AHI, SpO[®], head position, sleep staging), enabling remote patient monitoring and new RPM billing opportunities for prescribers. They've begun securing Letters of Intent (LOIs) from clinics covering 70,000 patients.

M&A & Partnerships:

- Sunrise acquires Dreem Health: Sunrise has acquired Dreem Health, enhancing access to telemedicine-powered sleep care via Dreem's clinic + diagnostic platform, expanding covered patient services.
- ResMed–NVIDIA / Cloud & AI integrations: Partnerships around AI-powered diagnostics and device connectivity (e.g., Somnoware, myAir, CloudSync[®]2.0) are strengthening ResMed's connected health ecosystem for both patients and providers.

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Sai Kiran

DataM Intelligence 4Market Research

+1 877-441-4866

Sai.k@datamintelligence.com

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