

Indirect Calorimeter Market: Obesity Surge Drives Demand for Indirect Calorimeters: One Billion Expected by 2030

PORTLAND, OR, UNITED STATES, January 28, 2025 /EINPresswire.com/ -- The [indirect calorimeter market](#) is experiencing substantial growth, driven by escalating obesity rates and technological advancements. Valued at approximately \$641.7 million in 2021, the market is projected to reach \$1,016.33 million by 2031, growing at a compound annual growth rate (CAGR) of 4.7% from 2022 to 2031. Indirect calorimeters play a pivotal role in healthcare by measuring metabolic rates through respiratory gas analysis, enabling precise treatment planning.



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Key Drivers of Market Growth

Rising Obesity Rates: The World Obesity Federation estimates that one billion people globally will be living with obesity by 2030, emphasizing the critical need for advanced metabolic monitoring tools.

Technological Advancements: Modern indirect calorimeters leverage sophisticated algorithms for gas exchange analysis, ensuring highly accurate energy expenditure assessments. These innovations enhance their usability in clinical and non-clinical settings.

Increased Healthcare Initiatives: Government programs promoting health security and wellness are accelerating the demand for indirect calorimeters. These devices are essential for disease management, nutritional assessments, and preventive healthcare strategies.

Market Segmentation

The indirect calorimeter market can be categorized based on type, application, and end-user:

By Type:

Standalone

Portable (further classified into software and hardware)

By Application:

Medical

Sports and Fitness

By End-User:

Hospitals

Diagnostic Centers

Others

Regional Insights

North America: This region holds the largest market share, attributed to its advanced healthcare infrastructure and high prevalence of chronic diseases.

Asia-Pacific: Anticipated to experience the highest growth rate, driven by increasing awareness of obesity and the adoption of non-invasive health monitoring solutions.

Competitive Landscape

Key players shaping the indirect calorimeter market include:

Breezing

Cosmed

General Electric

Korr Medical Technologies

Vyair Medical Inc.

These companies are prioritizing innovation and the development of user-friendly devices to expand their market presence.

Conclusion

The indirect calorimeter market is poised for significant growth as healthcare systems worldwide prioritize metabolic monitoring to manage obesity and associated health conditions. With continuous technological advancements and supportive government initiatives, the market's future appears promising. Stakeholders should focus on leveraging emerging trends and regional opportunities to capitalize on this burgeoning sector.

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