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Global Gait Analysis Inertial Sensor Market Growth 2025-2031

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Abstracts

The global Gait Analysis Inertial Sensor market size is predicted to grow from US$ 49.4 million in 2025 to US$ 66.3 million in 2031; it is expected to grow at a CAGR of 5.0% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Gait Analysis Sensors are specialized devices used to capture, measure, and analyze human walking (gait) patterns. They are integral in healthcare, sports science, rehabilitation, and wearable technology for monitoring mobility, diagnosing disorders, or enhancing performance.

United States market for Gait Analysis Inertial Sensor is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Gait Analysis Inertial Sensor is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Gait Analysis Inertial Sensor is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Gait Analysis Inertial Sensor players cover Movella, Noraxon, Gait Up, APDM Wearable Technologies, SENS Motion, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

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LP Information, Inc. (LPI) ' newest research report, the “Gait Analysis Inertial Sensor Industry Forecast” looks at past sales and reviews total world Gait Analysis Inertial Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Gait Analysis Inertial Sensor sales for 2025 through 2031. With Gait Analysis Inertial Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Gait Analysis Inertial Sensor industry.

This Insight Report provides a comprehensive analysis of the global Gait Analysis Inertial Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Gait Analysis Inertial Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Gait Analysis Inertial Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Gait Analysis Inertial Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Gait Analysis Inertial Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Gait Analysis Inertial Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single-Unit IMU Sensors

Multi-Sensor Network IMUs

Others

Segmentation by Application:

Hospitals

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Rehabilitation Clinic

Sports Research Institute

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

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UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Movella

Noraxon

Gait Up

APDM Wearable Technologies

SENS Motion

Shimmer Sensing

Dynaport (McRoberts)

IMeasureU (Vicon company)

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BTS Bioengineering

Cometa Systems

GaitSmart

GaitUp

Key Questions Addressed in this Report

What is the 10-year outlook for the global Gait Analysis Inertial Sensor market?
What factors are driving Gait Analysis Inertial Sensor market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Gait Analysis Inertial Sensor market opportunities vary by end market size?
How does Gait Analysis Inertial Sensor break out by Type, by Application?

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