

# Global Nanopositioning Systems Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Nanopositioning Systems market size will reach 109.31 Million USD in 2025 and is projected to reach 149.86 Million USD by 2032, with a CAGR of 4.61% (2025-2032). Notably, the China Nanopositioning Systems market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Nanopositioning systems are highly precise mechanical devices designed to control the position of objects at the nanometer scale (one billionth of a meter). These systems are typically used in applications requiring ultra-fine motion control, such as in microscopy, semiconductor manufacturing, and precision optics. They achieve this precision through advanced actuators, sensors, and feedback mechanisms that allow for extremely small adjustments in position, often with sub-nanometer resolution. Nanopositioning systems are essential in research and industries that demand accuracy and stability at microscopic and atomic scales, enabling advancements in fields like nanotechnology, photonics, and quantum computing.

The major global manufacturers of Nanopositioning Systems include Physik Instrumente (PI) GmbH, Attocube, Prior Scientific (Queensgate), Piezosystem Jena GmbH, Aerotech, SmarAct GmbH, CoreMorrow, Mad City Labs, Nanomotion Ltd., Liaoning Yansheng Technology, Nano Motions Technology, Onnes Technologies, nPoint (Motion Solutions), OME Technology, Dynamic Structures and Materials,

Nanomagnetics Instruments, Montana Instruments, Anhui ZeYou Technology, LAB Motion Systems, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Nanopositioning Systems. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Nanopositioning Systems market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Nanopositioning Systems market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Nanopositioning Systems industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Nanopositioning Systems Include:

Physik Instrumente (PI) GmbH

Attocube

Prior Scientific (Queensgate)

Piezosystem Jena GmbH

Aerotech

SmarAct GmbH

CoreMorrow

Mad City Labs

Nanomotion Ltd.

Liaoning Yansheng Technology

Nano Motions Technology

Onnes Technologies

nPoint (Motion Solutions)

OME Technology

Dynamic Structures and Materials

Nanomagnetics Instruments

Montana Instruments

Anhui ZeYou Technology

LAB Motion Systems

Nanopositioning Systems Product Segment Include:

Capacitive Sensors

Strain Gauges Sensors (SGS)

Linear Encoders

Nanopositioning Systems Product Application Include:

Industrial Use

Research Use

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Nanopositioning Systems Industry PESTEL Analysis

Chapter 3: Global Nanopositioning Systems Industry Porter's Five Forces Analysis

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