

Global Atomic Force Microscope (AFM) Probe Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/A884A6BCC05EEN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: A884A6BCC05EEN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Atomic Force Microscope (AFM) Probe market size will reach Million USD in 2025 and is projected to reach Million USD by 2032, with a CAGR of % (2025-2032). Notably, the China Atomic Force Microscope (AFM) Probe 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

Atomic Force Microscope (AFM) Probe refers to the sharp, highly sensitive tip used in an AFM to scan and image the surface of a sample at the nanoscale. The probe is mounted at the end of a cantilever, which deflects due to surface interactions and generates a signal that is used to create a 3D topographical image of the sample surface. AFM probes are typically made of materials such as silicon, silicon nitride or diamond, and come in a variety of shapes and sizes depending on the specific imaging requirements. They are used in a wide range of applications, including material science, nanotechnology, biology, and surface physics, among others.

The major global manufacturers of Atomic Force Microscope (AFM) Probe include Bruker Corporation, NT-MDT, Keysight Technologies, Park Systems, Witec, Asylum Research (Oxford Instruments), Nanonics Imaging, Nanosurf, Hitachi High-Technologies, RHK Technology, A.P.E. Research, 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 Atomic Force Microscope (AFM) Probe. 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 Atomic Force Microscope (AFM) Probe 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 Atomic Force Microscope (AFM) Probe 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 Atomic Force Microscope (AFM) Probe 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 Atomic Force Microscope (AFM) Probe Include:

Bruker Corporation

NT-MDT

Keysight Technologies

Park Systems

Witec

Asylum Research (Oxford Instruments)

Nanonics Imaging

Nanosurf

Hitachi High-Technologies

RHK Technology

A.P.E. Research

Atomic Force Microscope (AFM) Probe Product Segment Include:

Research Grade AFM

Industrial Grade AFM

Atomic Force Microscope (AFM) Probe Product Application Include:

Life Sciences and Biology

Semiconductors and Electronics

Nanomaterials Science

Other

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