

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) AFM Probe Market 2018, Forecast to 2023

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Abstracts

Atomic-force microscopy (AFM) or scanning-force microscopy (SFM) is a type of scanning probe microscopy (SPM), with demonstrated resolution on the order of fractions of a nanometer, more than 1000 times better than the optical diffraction limit. The information is gathered by "feeling" or "touching" the surface with a mechanical probe. An AFM probe has a sharp tip on the free-swinging end of a cantilever that is protruding from a holder. The dimensions of the cantilever are in the scale of micrometers. The radius of the tip is usually on the scale of a few nanometers to a few tens of nanometers.

Scope of the Report:

This report focuses on the AFM Probe in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The AFM probes market is an important part of the overall AFM market, and is very competitive. Probes range greatly in price, properties and coatings. Significant competitive factors include technical capability and differentiation (performance, range of features, reliability), productivity and cost-effectiveness.

The worldwide market for AFM Probe is expected to grow at a CAGR of roughly 7.4% over the next five years, will reach 240 million US\$ in 2023, from 170 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

NanoWorld AG

Bruker

NT-MDT

Asylum Research (Oxford Instruments)

Olympus

Advanced Diamond Technologies

AppNano

Team Nanotec GmbH

NaugaNeedles

SmartTip

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Silicon AFM Probes

Silicon Nitride AFM Probes

Diamond AFM Probes

Market Segment by Applications, can be divided into

Life Sciences and Biology

Materials

Semiconductors and Electronics

Others

There are 15 Chapters to deeply display the global AFM Probe market.

Chapter 1, to describe AFM Probe Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of AFM Probe, with sales, revenue, and price of AFM Probe, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of AFM Probe, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, AFM Probe market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe AFM Probe sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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