

Global and United States AFM Probe Market Research by Company, Type & Application 2013-2025

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Abstracts

SUMMARY

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.

Market Segment as follows:

By Type

Silicon AFM Probes

Silicon Nitride AFM Probes

Diamond AFM Probes

Others

By Application

Life Sciences and Biology

Materials

Semiconductors and Electronics

Others

By Company

Team Nanotec GmbH

Olympus

Bruker

Asylum Research (Oxford Instruments)

AppNano

NT-MDT

NanoWorld AG

Advanced Diamond Technologies

NaugaNeedles

SmartTip

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States export and import;

Section 6:

Company information, business overview, sales data and product specifications;

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