

# 2017-2025 World AFM Probe Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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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.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for AFM Probe , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

AFM Probe market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

#### By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

#### By Type

Silicon AFM Probes

Silicon Nitride AFM Probes

Diamond AFM Probes

Others

#### By End-User / 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

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