

# Global AFM Probe Market Data Survey Report 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.

The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

Olympus

Team Nanotec GmbH

Bruker

Asylum Research (Oxford Instruments)

AppNano

NT-MDT

NanoWorld AG

Advanced Diamond Technologies

NaugaNeedles

SmartTip

Major applications  
as follows:

Life Sciences and Biology

Materials

Semiconductors and Electronics

Others

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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