

2020-2025 Global AFM Probe Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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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.

This report elaborates the market size, market characteristics, and market growth of the AFM Probe industry, and breaks down according to the type, application, and consumption area of AFM Probe. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for AFM Probe in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global AFM Probe market covered in Chapter 13:

Bruker

NT-MDT

Asylum Research (Oxford Instruments)

NanoWorld AG

Team Nanotec GmbH

Olympus

Advanced Diamond Technologies

NaugaNeedles

AppNano

SmartTip

In Chapter 6, on the basis of types, the AFM Probe market from 2015 to 2025 is primarily split into:

Diamond AFM Probes

Silicon Nitride AFM Probes

Silicon AFM Probes

Others

In Chapter 7, on the basis of applications, the AFM Probe market from 2015 to 2025 covers:

Semiconductors and Electronics

Materials

Life Sciences and Biology

Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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