

Global Piezoresponse Force Microscopy (PFM) Market Growth 2023-2029

<https://marketpublishers.com/r/G806206937CAEN.html>

Date: April 2023

Pages: 93

Price: US\$ 3,660.00 (Single User License)

ID: G806206937CAEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Piezoresponse Force Microscopy (PFM) market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Piezoresponse Force Microscopy (PFM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Piezoresponse Force Microscopy (PFM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Piezoresponse Force Microscopy (PFM) is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Piezoresponse Force Microscopy (PFM) players cover Bruker, Oxford Instruments, Park Systems, Nanosurf, NT-MDT and Rocky Mountain Nanotechnology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Piezoresponse force microscopy (PFM) is a variation of atomic force microscopy (AFM) that uses a conductive probe tip to measure the piezoelectric, and more commonly the ferroelectric, domains of a material. Unlike many other variations of AFM, PFM does not take any principles from other techniques. Instead, it applies the principles of the

piezoelectric effect to obtain measurements, alongside the conventional AFM location techniques to determine which domains are being measured. This enables the simultaneous creation of a topographic map, alongside a ferroelectric domain map which has a high spatial resolution.

LPI (LP Information)' newest research report, the “Piezoresponse Force Microscopy (PFM) Industry Forecast” looks at past sales and reviews total world Piezoresponse Force Microscopy (PFM) sales in 2022, providing a comprehensive analysis by region and market sector of projected Piezoresponse Force Microscopy (PFM) sales for 2023 through 2029. With Piezoresponse Force Microscopy (PFM) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Piezoresponse Force Microscopy (PFM) industry.

This Insight Report provides a comprehensive analysis of the global Piezoresponse Force Microscopy (PFM) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Piezoresponse Force Microscopy (PFM) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Piezoresponse Force Microscopy (PFM) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Piezoresponse Force Microscopy (PFM) and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Piezoresponse Force Microscopy (PFM).

This report presents a comprehensive overview, market shares, and growth opportunities of Piezoresponse Force Microscopy (PFM) market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Contact Mode PFM

Non-contact Mode PFM

Segmentation by application

Materials Science

Physics

Engineering

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Bruker

Oxford Instruments

Park Systems

Nanosurf

NT-MDT

Rocky Mountain Nanotechnology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Piezoresponse Force Microscopy (PFM) market?

What factors are driving Piezoresponse Force Microscopy (PFM) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Piezoresponse Force Microscopy (PFM) market opportunities vary by end market size?

How does Piezoresponse Force Microscopy (PFM) break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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