

# Global Low Temperature Scanning Tunneling Microscopy Market Growth 2024-2030

<https://marketpublishers.com/r/G09B661A568EEN.html>

Date: June 2024

Pages: 115

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

ID: G09B661A568EEN

## Abstracts

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

A scanning tunneling microscope (STM) is a type of microscope used for imaging surfaces at the atomic level. Its development in 1981 earned its inventors, Gerd Binnig and Heinrich Rohrer, then at IBM Z?rich, the Nobel Prize in Physics in 1986. STM senses the surface by using an extremely sharp conducting tip that can distinguish features smaller than 0.1 nm with a 0.01 nm (10 pm) depth resolution. This means that individual atoms can routinely be imaged and manipulated. Most scanning tunneling microscopes are built for use in ultra-high vacuum at temperatures approaching absolute zero, but variants exist for studies in air, water and other environments, and for temperatures over 1000 °C.

STM is based on the concept of quantum tunneling. When the tip is brought very near to the surface to be examined, a bias voltage applied between the two allows electrons to tunnel through the vacuum separating them. The resulting tunneling current is a function of the tip position, applied voltage, and the local density of states (LDOS) of the sample. Information is acquired by monitoring the current as the tip scans across the surface, and is usually displayed in image form.

A refinement of the technique known as scanning tunneling spectroscopy consists of keeping the tip in a constant position above the surface, varying the bias voltage and recording the resultant change in current. Using this technique, the local density of the electronic states can be reconstructed. This is sometimes performed in high magnetic fields and in presence of impurities to infer the properties and interactions of electrons in the studied material.

Scanning tunneling microscopy can be a challenging technique, as it requires extremely clean and stable surfaces, sharp tips, excellent vibration isolation, and sophisticated electronics. Nonetheless, many hobbyists build their own microscopes.

The global Low Temperature Scanning Tunneling Microscopy market size is projected to grow from US\$ 133 million in 2024 to US\$ 188 million in 2030; it is expected to grow at a CAGR of 5.9% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Low Temperature Scanning Tunneling Microscopy Industry Forecast” looks at past sales and reviews total world Low Temperature Scanning Tunneling Microscopy sales in 2023, providing a comprehensive analysis by region and market sector of projected Low Temperature Scanning Tunneling Microscopy sales for 2024 through 2030. With Low Temperature Scanning Tunneling Microscopy sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Low Temperature Scanning Tunneling Microscopy industry.

This Insight Report provides a comprehensive analysis of the global Low Temperature Scanning Tunneling Microscopy 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 Low Temperature Scanning Tunneling Microscopy portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Low Temperature Scanning Tunneling Microscopy market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Low Temperature Scanning Tunneling Microscopy 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 Low Temperature Scanning Tunneling Microscopy.

United States market for Low Temperature Scanning Tunneling Microscopy is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Low Temperature Scanning Tunneling Microscopy is estimated to

increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Low Temperature Scanning Tunneling Microscopy is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Low Temperature Scanning Tunneling Microscopy players cover Scienta Omicron, Oxford Instruments, UNISOKU, JEOL, Nanosurf AG, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Low Temperature Scanning Tunneling Microscopy market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Air Working Environment

Vacuum Working Environment

Segmentation by Application:

Scientific research Purpose

Educational Purposes

Business Purpose

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 analysing the company's coverage, product portfolio, its market penetration.

Scienta Omicron

Oxford Instruments

UNISOKU

JEOL

Nanosurf AG

CreaTec Fischer & Co

A.P.E. Research

Keysight

Quazar Technologies

Bruker

Origin Nano Instruments

Suzhou Feishman Precision Instruments

Key Questions Addressed in this Report

What is the 10-year outlook for the global Low Temperature Scanning Tunneling Microscopy market?

What factors are driving Low Temperature Scanning Tunneling Microscopy market growth, globally and by region?

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

How do Low Temperature Scanning Tunneling Microscopy market opportunities vary by end market size?

How does Low Temperature Scanning Tunneling Microscopy break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Low Temperature Scanning Tunneling Microscopy Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Low Temperature Scanning Tunneling Microscopy by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Low Temperature Scanning Tunneling Microscopy by Country/Region, 2019, 2023 & 2030
- 2.2 Low Temperature Scanning Tunneling Microscopy Segment by Type
  - 2.2.1 Air Working Environment
  - 2.2.2 Vacuum Working Environment
- 2.3 Low Temperature Scanning Tunneling Microscopy Sales by Type
  - 2.3.1 Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Low Temperature Scanning Tunneling Microscopy Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Low Temperature Scanning Tunneling Microscopy Sale Price by Type (2019-2024)
- 2.4 Low Temperature Scanning Tunneling Microscopy Segment by Application
  - 2.4.1 Scientific research Purpose
  - 2.4.2 Educational Purposes
  - 2.4.3 Business Purpose
- 2.5 Low Temperature Scanning Tunneling Microscopy Sales by Application
  - 2.5.1 Global Low Temperature Scanning Tunneling Microscopy Sale Market Share by Application (2019-2024)

2.5.2 Global Low Temperature Scanning Tunneling Microscopy Revenue and Market Share by Application (2019-2024)

2.5.3 Global Low Temperature Scanning Tunneling Microscopy Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Low Temperature Scanning Tunneling Microscopy Breakdown Data by Company

3.1.1 Global Low Temperature Scanning Tunneling Microscopy Annual Sales by Company (2019-2024)

3.1.2 Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Company (2019-2024)

3.2 Global Low Temperature Scanning Tunneling Microscopy Annual Revenue by Company (2019-2024)

3.2.1 Global Low Temperature Scanning Tunneling Microscopy Revenue by Company (2019-2024)

3.2.2 Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Company (2019-2024)

3.3 Global Low Temperature Scanning Tunneling Microscopy Sale Price by Company

3.4 Key Manufacturers Low Temperature Scanning Tunneling Microscopy Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Low Temperature Scanning Tunneling Microscopy Product Location Distribution

3.4.2 Players Low Temperature Scanning Tunneling Microscopy Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR LOW TEMPERATURE SCANNING TUNNELING MICROSCOPY BY GEOGRAPHIC REGION**

4.1 World Historic Low Temperature Scanning Tunneling Microscopy Market Size by Geographic Region (2019-2024)

4.1.1 Global Low Temperature Scanning Tunneling Microscopy Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Low Temperature Scanning Tunneling Microscopy Annual Revenue by



Geographic Region (2019-2024)

4.2 World Historic Low Temperature Scanning Tunneling Microscopy Market Size by Country/Region (2019-2024)

4.2.1 Global Low Temperature Scanning Tunneling Microscopy Annual Sales by Country/Region (2019-2024)

4.2.2 Global Low Temperature Scanning Tunneling Microscopy Annual Revenue by Country/Region (2019-2024)

4.3 Americas Low Temperature Scanning Tunneling Microscopy Sales Growth

4.4 APAC Low Temperature Scanning Tunneling Microscopy Sales Growth

4.5 Europe Low Temperature Scanning Tunneling Microscopy Sales Growth

4.6 Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales Growth

## **5 AMERICAS**

5.1 Americas Low Temperature Scanning Tunneling Microscopy Sales by Country

5.1.1 Americas Low Temperature Scanning Tunneling Microscopy Sales by Country (2019-2024)

5.1.2 Americas Low Temperature Scanning Tunneling Microscopy Revenue by Country (2019-2024)

5.2 Americas Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024)

5.3 Americas Low Temperature Scanning Tunneling Microscopy Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Low Temperature Scanning Tunneling Microscopy Sales by Region

6.1.1 APAC Low Temperature Scanning Tunneling Microscopy Sales by Region (2019-2024)

6.1.2 APAC Low Temperature Scanning Tunneling Microscopy Revenue by Region (2019-2024)

6.2 APAC Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024)

6.3 APAC Low Temperature Scanning Tunneling Microscopy Sales by Application

(2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Low Temperature Scanning Tunneling Microscopy by Country

7.1.1 Europe Low Temperature Scanning Tunneling Microscopy Sales by Country  
(2019-2024)

7.1.2 Europe Low Temperature Scanning Tunneling Microscopy Revenue by Country  
(2019-2024)

7.2 Europe Low Temperature Scanning Tunneling Microscopy Sales by Type  
(2019-2024)

7.3 Europe Low Temperature Scanning Tunneling Microscopy Sales by Application  
(2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Low Temperature Scanning Tunneling Microscopy by Country

8.1.1 Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by  
Country (2019-2024)

8.1.2 Middle East & Africa Low Temperature Scanning Tunneling Microscopy Revenue  
by Country (2019-2024)

8.2 Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by  
Type (2019-2024)

8.3 Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by  
Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Low Temperature Scanning Tunneling Microscopy

10.3 Manufacturing Process Analysis of Low Temperature Scanning Tunneling Microscopy

10.4 Industry Chain Structure of Low Temperature Scanning Tunneling Microscopy

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Low Temperature Scanning Tunneling Microscopy Distributors

11.3 Low Temperature Scanning Tunneling Microscopy Customer

## **12 WORLD FORECAST REVIEW FOR LOW TEMPERATURE SCANNING TUNNELING MICROSCOPY BY GEOGRAPHIC REGION**

12.1 Global Low Temperature Scanning Tunneling Microscopy Market Size Forecast by Region

12.1.1 Global Low Temperature Scanning Tunneling Microscopy Forecast by Region (2025-2030)

12.1.2 Global Low Temperature Scanning Tunneling Microscopy Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global Low Temperature Scanning Tunneling Microscopy Forecast by Type (2025-2030)

12.7 Global Low Temperature Scanning Tunneling Microscopy Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

13.1 Scienta Omicron

13.1.1 Scienta Omicron Company Information

13.1.2 Scienta Omicron Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

13.1.3 Scienta Omicron Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Scienta Omicron Main Business Overview

13.1.5 Scienta Omicron Latest Developments

13.2 Oxford Instruments

13.2.1 Oxford Instruments Company Information

13.2.2 Oxford Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

13.2.3 Oxford Instruments Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Oxford Instruments Main Business Overview

13.2.5 Oxford Instruments Latest Developments

13.3 UNISOKU

13.3.1 UNISOKU Company Information

13.3.2 UNISOKU Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

13.3.3 UNISOKU Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 UNISOKU Main Business Overview

13.3.5 UNISOKU Latest Developments

13.4 JEOL

13.4.1 JEOL Company Information

13.4.2 JEOL Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

13.4.3 JEOL Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 JEOL Main Business Overview

- 13.4.5 JEOL Latest Developments
- 13.5 Nanosurf AG
  - 13.5.1 Nanosurf AG Company Information
  - 13.5.2 Nanosurf AG Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.5.3 Nanosurf AG Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Nanosurf AG Main Business Overview
  - 13.5.5 Nanosurf AG Latest Developments
- 13.6 CreaTec Fischer & Co
  - 13.6.1 CreaTec Fischer & Co Company Information
  - 13.6.2 CreaTec Fischer & Co Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.6.3 CreaTec Fischer & Co Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 CreaTec Fischer & Co Main Business Overview
  - 13.6.5 CreaTec Fischer & Co Latest Developments
- 13.7 A.P.E. Research
  - 13.7.1 A.P.E. Research Company Information
  - 13.7.2 A.P.E. Research Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.7.3 A.P.E. Research Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 A.P.E. Research Main Business Overview
  - 13.7.5 A.P.E. Research Latest Developments
- 13.8 Keysight
  - 13.8.1 Keysight Company Information
  - 13.8.2 Keysight Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.8.3 Keysight Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 Keysight Main Business Overview
  - 13.8.5 Keysight Latest Developments
- 13.9 Quazar Technologies
  - 13.9.1 Quazar Technologies Company Information
  - 13.9.2 Quazar Technologies Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.9.3 Quazar Technologies Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.9.4 Quazar Technologies Main Business Overview
- 13.9.5 Quazar Technologies Latest Developments
- 13.10 Bruker
  - 13.10.1 Bruker Company Information
  - 13.10.2 Bruker Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.10.3 Bruker Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Bruker Main Business Overview
  - 13.10.5 Bruker Latest Developments
- 13.11 Origin Nano Instruments
  - 13.11.1 Origin Nano Instruments Company Information
  - 13.11.2 Origin Nano Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.11.3 Origin Nano Instruments Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.11.4 Origin Nano Instruments Main Business Overview
  - 13.11.5 Origin Nano Instruments Latest Developments
- 13.12 Suzhou Feishman Precision Instruments
  - 13.12.1 Suzhou Feishman Precision Instruments Company Information
  - 13.12.2 Suzhou Feishman Precision Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications
  - 13.12.3 Suzhou Feishman Precision Instruments Low Temperature Scanning Tunneling Microscopy Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.12.4 Suzhou Feishman Precision Instruments Main Business Overview
  - 13.12.5 Suzhou Feishman Precision Instruments Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Low Temperature Scanning Tunneling Microscopy Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Low Temperature Scanning Tunneling Microscopy Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Air Working Environment

Table 4. Major Players of Vacuum Working Environment

Table 5. Global Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024) & (Units)

Table 6. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)

Table 7. Global Low Temperature Scanning Tunneling Microscopy Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Type (2019-2024)

Table 9. Global Low Temperature Scanning Tunneling Microscopy Sale Price by Type (2019-2024) & (K US\$/Unit)

Table 10. Global Low Temperature Scanning Tunneling Microscopy Sale by Application (2019-2024) & (Units)

Table 11. Global Low Temperature Scanning Tunneling Microscopy Sale Market Share by Application (2019-2024)

Table 12. Global Low Temperature Scanning Tunneling Microscopy Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Application (2019-2024)

Table 14. Global Low Temperature Scanning Tunneling Microscopy Sale Price by Application (2019-2024) & (K US\$/Unit)

Table 15. Global Low Temperature Scanning Tunneling Microscopy Sales by Company (2019-2024) & (Units)

Table 16. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Company (2019-2024)

Table 17. Global Low Temperature Scanning Tunneling Microscopy Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Company (2019-2024)

Table 19. Global Low Temperature Scanning Tunneling Microscopy Sale Price by



Company (2019-2024) & (K US\$/Unit)

Table 20. Key Manufacturers Low Temperature Scanning Tunneling Microscopy Producing Area Distribution and Sales Area

Table 21. Players Low Temperature Scanning Tunneling Microscopy Products Offered

Table 22. Low Temperature Scanning Tunneling Microscopy Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Low Temperature Scanning Tunneling Microscopy Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share Geographic Region (2019-2024)

Table 27. Global Low Temperature Scanning Tunneling Microscopy Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Low Temperature Scanning Tunneling Microscopy Sales by Country/Region (2019-2024) & (Units)

Table 30. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country/Region (2019-2024)

Table 31. Global Low Temperature Scanning Tunneling Microscopy Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Low Temperature Scanning Tunneling Microscopy Sales by Country (2019-2024) & (Units)

Table 34. Americas Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country (2019-2024)

Table 35. Americas Low Temperature Scanning Tunneling Microscopy Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024) & (Units)

Table 37. Americas Low Temperature Scanning Tunneling Microscopy Sales by Application (2019-2024) & (Units)

Table 38. APAC Low Temperature Scanning Tunneling Microscopy Sales by Region (2019-2024) & (Units)

Table 39. APAC Low Temperature Scanning Tunneling Microscopy Sales Market Share by Region (2019-2024)

Table 40. APAC Low Temperature Scanning Tunneling Microscopy Revenue by Region



(2019-2024) & (\$ millions)

Table 41. APAC Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024) & (Units)

Table 42. APAC Low Temperature Scanning Tunneling Microscopy Sales by Application (2019-2024) & (Units)

Table 43. Europe Low Temperature Scanning Tunneling Microscopy Sales by Country (2019-2024) & (Units)

Table 44. Europe Low Temperature Scanning Tunneling Microscopy Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024) & (Units)

Table 46. Europe Low Temperature Scanning Tunneling Microscopy Sales by Application (2019-2024) & (Units)

Table 47. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by Country (2019-2024) & (Units)

Table 48. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by Type (2019-2024) & (Units)

Table 50. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales by Application (2019-2024) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Low Temperature Scanning Tunneling Microscopy

Table 52. Key Market Challenges & Risks of Low Temperature Scanning Tunneling Microscopy

Table 53. Key Industry Trends of Low Temperature Scanning Tunneling Microscopy

Table 54. Low Temperature Scanning Tunneling Microscopy Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Low Temperature Scanning Tunneling Microscopy Distributors List

Table 57. Low Temperature Scanning Tunneling Microscopy Customer List

Table 58. Global Low Temperature Scanning Tunneling Microscopy Sales Forecast by Region (2025-2030) & (Units)

Table 59. Global Low Temperature Scanning Tunneling Microscopy Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Low Temperature Scanning Tunneling Microscopy Sales Forecast by Country (2025-2030) & (Units)

Table 61. Americas Low Temperature Scanning Tunneling Microscopy Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Low Temperature Scanning Tunneling Microscopy Sales Forecast by

**Region (2025-2030) & (Units)**

Table 63. APAC Low Temperature Scanning Tunneling Microscopy Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Low Temperature Scanning Tunneling Microscopy Sales Forecast by Country (2025-2030) & (Units)

Table 65. Europe Low Temperature Scanning Tunneling Microscopy Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales Forecast by Country (2025-2030) & (Units)

Table 67. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Low Temperature Scanning Tunneling Microscopy Sales Forecast by Type (2025-2030) & (Units)

Table 69. Global Low Temperature Scanning Tunneling Microscopy Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Low Temperature Scanning Tunneling Microscopy Sales Forecast by Application (2025-2030) & (Units)

Table 71. Global Low Temperature Scanning Tunneling Microscopy Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Scienta Omicron Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 73. Scienta Omicron Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 74. Scienta Omicron Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 75. Scienta Omicron Main Business

Table 76. Scienta Omicron Latest Developments

Table 77. Oxford Instruments Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 78. Oxford Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 79. Oxford Instruments Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 80. Oxford Instruments Main Business

Table 81. Oxford Instruments Latest Developments

Table 82. UNISOKU Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 83. UNISOKU Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 84. UNISOKU Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 85. UNISOKU Main Business

Table 86. UNISOKU Latest Developments

Table 87. JEOL Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 88. JEOL Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 89. JEOL Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 90. JEOL Main Business

Table 91. JEOL Latest Developments

Table 92. Nanosurf AG Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 93. Nanosurf AG Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 94. Nanosurf AG Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 95. Nanosurf AG Main Business

Table 96. Nanosurf AG Latest Developments

Table 97. CreaTec Fischer & Co Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 98. CreaTec Fischer & Co Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 99. CreaTec Fischer & Co Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 100. CreaTec Fischer & Co Main Business

Table 101. CreaTec Fischer & Co Latest Developments

Table 102. A.P.E. Research Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 103. A.P.E. Research Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 104. A.P.E. Research Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 105. A.P.E. Research Main Business

Table 106. A.P.E. Research Latest Developments

Table 107. Keysight Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 108. Keysight Low Temperature Scanning Tunneling Microscopy Product

## Portfolios and Specifications

Table 109. Keysight Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 110. Keysight Main Business

Table 111. Keysight Latest Developments

Table 112. Quazar Technologies Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 113. Quazar Technologies Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 114. Quazar Technologies Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 115. Quazar Technologies Main Business

Table 116. Quazar Technologies Latest Developments

Table 117. Bruker Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 118. Bruker Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 119. Bruker Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 120. Bruker Main Business

Table 121. Bruker Latest Developments

Table 122. Origin Nano Instruments Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 123. Origin Nano Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 124. Origin Nano Instruments Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 125. Origin Nano Instruments Main Business

Table 126. Origin Nano Instruments Latest Developments

Table 127. Suzhou Feishman Precision Instruments Basic Information, Low Temperature Scanning Tunneling Microscopy Manufacturing Base, Sales Area and Its Competitors

Table 128. Suzhou Feishman Precision Instruments Low Temperature Scanning Tunneling Microscopy Product Portfolios and Specifications

Table 129. Suzhou Feishman Precision Instruments Low Temperature Scanning Tunneling Microscopy Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 130. Suzhou Feishman Precision Instruments Main Business

Table 131. Suzhou Feishman Precision Instruments Latest Developments



## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Low Temperature Scanning Tunneling Microscopy

Figure 2. Low Temperature Scanning Tunneling Microscopy Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Low Temperature Scanning Tunneling Microscopy Sales Growth Rate 2019-2030 (Units)

Figure 7. Global Low Temperature Scanning Tunneling Microscopy Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Low Temperature Scanning Tunneling Microscopy Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country/Region (2023)

Figure 10. Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Air Working Environment

Figure 12. Product Picture of Vacuum Working Environment

Figure 13. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type in 2023

Figure 14. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Type (2019-2024)

Figure 15. Low Temperature Scanning Tunneling Microscopy Consumed in Scientific research Purpose

Figure 16. Global Low Temperature Scanning Tunneling Microscopy Market: Scientific research Purpose (2019-2024) & (Units)

Figure 17. Low Temperature Scanning Tunneling Microscopy Consumed in Educational Purposes

Figure 18. Global Low Temperature Scanning Tunneling Microscopy Market: Educational Purposes (2019-2024) & (Units)

Figure 19. Low Temperature Scanning Tunneling Microscopy Consumed in Business Purpose

Figure 20. Global Low Temperature Scanning Tunneling Microscopy Market: Business Purpose (2019-2024) & (Units)

Figure 21. Global Low Temperature Scanning Tunneling Microscopy Sale Market Share by Application (2023)



Figure 22. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Application in 2023

Figure 23. Low Temperature Scanning Tunneling Microscopy Sales by Company in 2023 (Units)

Figure 24. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Company in 2023

Figure 25. Low Temperature Scanning Tunneling Microscopy Revenue by Company in 2023 (\$ millions)

Figure 26. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Company in 2023

Figure 27. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share by Geographic Region (2019-2024)

Figure 28. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Geographic Region in 2023

Figure 29. Americas Low Temperature Scanning Tunneling Microscopy Sales 2019-2024 (Units)

Figure 30. Americas Low Temperature Scanning Tunneling Microscopy Revenue 2019-2024 (\$ millions)

Figure 31. APAC Low Temperature Scanning Tunneling Microscopy Sales 2019-2024 (Units)

Figure 32. APAC Low Temperature Scanning Tunneling Microscopy Revenue 2019-2024 (\$ millions)

Figure 33. Europe Low Temperature Scanning Tunneling Microscopy Sales 2019-2024 (Units)

Figure 34. Europe Low Temperature Scanning Tunneling Microscopy Revenue 2019-2024 (\$ millions)

Figure 35. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales 2019-2024 (Units)

Figure 36. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Revenue 2019-2024 (\$ millions)

Figure 37. Americas Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country in 2023

Figure 38. Americas Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Country (2019-2024)

Figure 39. Americas Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)

Figure 40. Americas Low Temperature Scanning Tunneling Microscopy Sales Market Share by Application (2019-2024)

Figure 41. United States Low Temperature Scanning Tunneling Microscopy Revenue

Growth 2019-2024 (\$ millions)

Figure 42. Canada Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 43. Mexico Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 44. Brazil Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 45. APAC Low Temperature Scanning Tunneling Microscopy Sales Market Share by Region in 2023

Figure 46. APAC Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Region (2019-2024)

Figure 47. APAC Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)

Figure 48. APAC Low Temperature Scanning Tunneling Microscopy Sales Market Share by Application (2019-2024)

Figure 49. China Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 50. Japan Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 51. South Korea Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 52. Southeast Asia Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 53. India Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 54. Australia Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 55. China Taiwan Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 56. Europe Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country in 2023

Figure 57. Europe Low Temperature Scanning Tunneling Microscopy Revenue Market Share by Country (2019-2024)

Figure 58. Europe Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)

Figure 59. Europe Low Temperature Scanning Tunneling Microscopy Sales Market Share by Application (2019-2024)

Figure 60. Germany Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)



Figure 61. France Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 62. UK Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 63. Italy Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 64. Russia Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 65. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales Market Share by Country (2019-2024)

Figure 66. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales Market Share by Type (2019-2024)

Figure 67. Middle East & Africa Low Temperature Scanning Tunneling Microscopy Sales Market Share by Application (2019-2024)

Figure 68. Egypt Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 69. South Africa Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 70. Israel Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 71. Turkey Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 72. GCC Countries Low Temperature Scanning Tunneling Microscopy Revenue Growth 2019-2024 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Low Temperature Scanning Tunneling Microscopy in 2023

Figure 74. Manufacturing Process Analysis of Low Temperature Scanning Tunneling Microscopy

Figure 75. Industry Chain Structure of Low Temperature Scanning Tunneling Microscopy

Figure 76. Channels of Distribution

Figure 77. Global Low Temperature Scanning Tunneling Microscopy Sales Market Forecast by Region (2025-2030)

Figure 78. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share Forecast by Region (2025-2030)

Figure 79. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share Forecast by Type (2025-2030)

Figure 80. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share Forecast by Type (2025-2030)

Figure 81. Global Low Temperature Scanning Tunneling Microscopy Sales Market Share Forecast by Application (2025-2030)

Figure 82. Global Low Temperature Scanning Tunneling Microscopy Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Low Temperature Scanning Tunneling Microscopy Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/G09B661A568EEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G09B661A568EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970