

# Tribometer Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/T5367CA5BE88EN.html>

Date: April 2022

Pages: 75

Price: US\$ 3,250.00 (Single User License)

ID: T5367CA5BE88EN

## Abstracts

Tribometer is an instrument that measures quantities such as wear volume, friction force and coefficient of force between two contact surfaces. Tribometer are used to test and analyze the long-term performance and function various devices. The requirement of controlling wear and friction in movable devices or machine parts is very important in the industry. Tribometer also measures single wear friction with liquid, temperature and atmosphere control options.

This report contains market size and forecasts of Tribometer in global, including the following market information:

Global Tribometer Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Tribometer Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Tribometer companies in 2021 (%)

The global Tribometer market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Four Ball Tribometer Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Tribometer include Nanovea, Bruker, Anton Paar,

Advanced Mechanical Technology and Rtec Instruments, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Tribometer manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Tribometer Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Tribometer Market Segment Percentages, by Type, 2021 (%)

Four Ball Tribometer

Bouncing Ball Tribometer

Ball on Disc Tribometer

Others

Global Tribometer Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Tribometer Market Segment Percentages, by Application, 2021 (%)

Automotive Industry

Aerospace Industry

Biomedical Industry

Others

Global Tribometer Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

## Global Tribometer Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Tribometer revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Tribometer revenues share in global market, 2021 (%)

Key companies Tribometer sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Tribometer sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Nanovea

Bruker

Anton Paar

Advanced Mechanical Technology

Rtec Instruments

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Tribometer Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Tribometer Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL TRIBOMETER OVERALL MARKET SIZE**

- 2.1 Global Tribometer Market Size: 2021 VS 2028
- 2.2 Global Tribometer Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Tribometer Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Tribometer Players in Global Market
- 3.2 Top Global Tribometer Companies Ranked by Revenue
- 3.3 Global Tribometer Revenue by Companies
- 3.4 Global Tribometer Sales by Companies
- 3.5 Global Tribometer Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Tribometer Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Tribometer Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Tribometer Players in Global Market
  - 3.8.1 List of Global Tier 1 Tribometer Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Tribometer Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview
  - 4.1.1 By Type - Global Tribometer Market Size Markets, 2021 & 2028

- 4.1.2 Four Ball Tribometer
- 4.1.3 Bouncing Ball Tribometer
- 4.1.4 Ball on Disc Tribometer
- 4.1.5 Others
- 4.2 By Type - Global Tribometer Revenue & Forecasts
  - 4.2.1 By Type - Global Tribometer Revenue, 2017-2022
  - 4.2.2 By Type - Global Tribometer Revenue, 2023-2028
  - 4.2.3 By Type - Global Tribometer Revenue Market Share, 2017-2028
- 4.3 By Type - Global Tribometer Sales & Forecasts
  - 4.3.1 By Type - Global Tribometer Sales, 2017-2022
  - 4.3.2 By Type - Global Tribometer Sales, 2023-2028
  - 4.3.3 By Type - Global Tribometer Sales Market Share, 2017-2028
- 4.4 By Type - Global Tribometer Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application - Global Tribometer Market Size, 2021 & 2028
  - 5.1.2 Automotive Industry
  - 5.1.3 Aerospace Industry
  - 5.1.4 Biomedical Industry
  - 5.1.5 Others
- 5.2 By Application - Global Tribometer Revenue & Forecasts
  - 5.2.1 By Application - Global Tribometer Revenue, 2017-2022
  - 5.2.2 By Application - Global Tribometer Revenue, 2023-2028
  - 5.2.3 By Application - Global Tribometer Revenue Market Share, 2017-2028
- 5.3 By Application - Global Tribometer Sales & Forecasts
  - 5.3.1 By Application - Global Tribometer Sales, 2017-2022
  - 5.3.2 By Application - Global Tribometer Sales, 2023-2028
  - 5.3.3 By Application - Global Tribometer Sales Market Share, 2017-2028
- 5.4 By Application - Global Tribometer Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Tribometer Market Size, 2021 & 2028
- 6.2 By Region - Global Tribometer Revenue & Forecasts
  - 6.2.1 By Region - Global Tribometer Revenue, 2017-2022
  - 6.2.2 By Region - Global Tribometer Revenue, 2023-2028
  - 6.2.3 By Region - Global Tribometer Revenue Market Share, 2017-2028

- 6.3 By Region - Global Tribometer Sales & Forecasts
  - 6.3.1 By Region - Global Tribometer Sales, 2017-2022
  - 6.3.2 By Region - Global Tribometer Sales, 2023-2028
  - 6.3.3 By Region - Global Tribometer Sales Market Share, 2017-2028
- 6.4 North America
  - 6.4.1 By Country - North America Tribometer Revenue, 2017-2028
  - 6.4.2 By Country - North America Tribometer Sales, 2017-2028
  - 6.4.3 US Tribometer Market Size, 2017-2028
  - 6.4.4 Canada Tribometer Market Size, 2017-2028
  - 6.4.5 Mexico Tribometer Market Size, 2017-2028
- 6.5 Europe
  - 6.5.1 By Country - Europe Tribometer Revenue, 2017-2028
  - 6.5.2 By Country - Europe Tribometer Sales, 2017-2028
  - 6.5.3 Germany Tribometer Market Size, 2017-2028
  - 6.5.4 France Tribometer Market Size, 2017-2028
  - 6.5.5 U.K. Tribometer Market Size, 2017-2028
  - 6.5.6 Italy Tribometer Market Size, 2017-2028
  - 6.5.7 Russia Tribometer Market Size, 2017-2028
  - 6.5.8 Nordic Countries Tribometer Market Size, 2017-2028
  - 6.5.9 Benelux Tribometer Market Size, 2017-2028
- 6.6 Asia
  - 6.6.1 By Region - Asia Tribometer Revenue, 2017-2028
  - 6.6.2 By Region - Asia Tribometer Sales, 2017-2028
  - 6.6.3 China Tribometer Market Size, 2017-2028
  - 6.6.4 Japan Tribometer Market Size, 2017-2028
  - 6.6.5 South Korea Tribometer Market Size, 2017-2028
  - 6.6.6 Southeast Asia Tribometer Market Size, 2017-2028
  - 6.6.7 India Tribometer Market Size, 2017-2028
- 6.7 South America
  - 6.7.1 By Country - South America Tribometer Revenue, 2017-2028
  - 6.7.2 By Country - South America Tribometer Sales, 2017-2028
  - 6.7.3 Brazil Tribometer Market Size, 2017-2028
  - 6.7.4 Argentina Tribometer Market Size, 2017-2028
- 6.8 Middle East & Africa
  - 6.8.1 By Country - Middle East & Africa Tribometer Revenue, 2017-2028
  - 6.8.2 By Country - Middle East & Africa Tribometer Sales, 2017-2028
  - 6.8.3 Turkey Tribometer Market Size, 2017-2028
  - 6.8.4 Israel Tribometer Market Size, 2017-2028
  - 6.8.5 Saudi Arabia Tribometer Market Size, 2017-2028



## 6.8.6 UAE Tribometer Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

### 7.1 Nanovea

7.1.1 Nanovea Corporate Summary

7.1.2 Nanovea Business Overview

7.1.3 Nanovea Tribometer Major Product Offerings

7.1.4 Nanovea Tribometer Sales and Revenue in Global (2017-2022)

7.1.5 Nanovea Key News

### 7.2 Bruker

7.2.1 Bruker Corporate Summary

7.2.2 Bruker Business Overview

7.2.3 Bruker Tribometer Major Product Offerings

7.2.4 Bruker Tribometer Sales and Revenue in Global (2017-2022)

7.2.5 Bruker Key News

### 7.3 Anton Paar

7.3.1 Anton Paar Corporate Summary

7.3.2 Anton Paar Business Overview

7.3.3 Anton Paar Tribometer Major Product Offerings

7.3.4 Anton Paar Tribometer Sales and Revenue in Global (2017-2022)

7.3.5 Anton Paar Key News

### 7.4 Advanced Mechanical Technology

7.4.1 Advanced Mechanical Technology Corporate Summary

7.4.2 Advanced Mechanical Technology Business Overview

7.4.3 Advanced Mechanical Technology Tribometer Major Product Offerings

7.4.4 Advanced Mechanical Technology Tribometer Sales and Revenue in Global (2017-2022)

7.4.5 Advanced Mechanical Technology Key News

### 7.5 Rtec Instruments

7.5.1 Rtec Instruments Corporate Summary

7.5.2 Rtec Instruments Business Overview

7.5.3 Rtec Instruments Tribometer Major Product Offerings

7.5.4 Rtec Instruments Tribometer Sales and Revenue in Global (2017-2022)

7.5.5 Rtec Instruments Key News

## **8 GLOBAL TRIBOMETER PRODUCTION CAPACITY, ANALYSIS**

### 8.1 Global Tribometer Production Capacity, 2017-2028

8.2 Tribometer Production Capacity of Key Manufacturers in Global Market

8.3 Global Tribometer Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

## **10 TRIBOMETER SUPPLY CHAIN ANALYSIS**

10.1 Tribometer Industry Value Chain

10.2 Tribometer Upstream Market

10.3 Tribometer Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Tribometer Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Key Players of Tribometer in Global Market
- Table 2. Top Tribometer Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Tribometer Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Tribometer Revenue Share by Companies, 2017-2022
- Table 5. Global Tribometer Sales by Companies, (K Units), 2017-2022
- Table 6. Global Tribometer Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Tribometer Price (2017-2022) & (USD/Unit)
- Table 8. Global Manufacturers Tribometer Product Type
- Table 9. List of Global Tier 1 Tribometer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Tribometer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Tribometer Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Tribometer Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Tribometer Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Tribometer Sales (K Units), 2017-2022
- Table 15. By Type - Global Tribometer Sales (K Units), 2023-2028
- Table 16. By Application – Global Tribometer Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Tribometer Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Tribometer Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Tribometer Sales (K Units), 2017-2022
- Table 20. By Application - Global Tribometer Sales (K Units), 2023-2028
- Table 21. By Region – Global Tribometer Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Tribometer Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Tribometer Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Tribometer Sales (K Units), 2017-2022
- Table 25. By Region - Global Tribometer Sales (K Units), 2023-2028
- Table 26. By Country - North America Tribometer Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Tribometer Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America Tribometer Sales, (K Units), 2017-2022
- Table 29. By Country - North America Tribometer Sales, (K Units), 2023-2028
- Table 30. By Country - Europe Tribometer Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe Tribometer Revenue, (US\$, Mn), 2023-2028
- Table 32. By Country - Europe Tribometer Sales, (K Units), 2017-2022
- Table 33. By Country - Europe Tribometer Sales, (K Units), 2023-2028

- Table 34. By Region - Asia Tribometer Revenue, (US\$, Mn), 2017-2022
- Table 35. By Region - Asia Tribometer Revenue, (US\$, Mn), 2023-2028
- Table 36. By Region - Asia Tribometer Sales, (K Units), 2017-2022
- Table 37. By Region - Asia Tribometer Sales, (K Units), 2023-2028
- Table 38. By Country - South America Tribometer Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country - South America Tribometer Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country - South America Tribometer Sales, (K Units), 2017-2022
- Table 41. By Country - South America Tribometer Sales, (K Units), 2023-2028
- Table 42. By Country - Middle East & Africa Tribometer Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country - Middle East & Africa Tribometer Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country - Middle East & Africa Tribometer Sales, (K Units), 2017-2022
- Table 45. By Country - Middle East & Africa Tribometer Sales, (K Units), 2023-2028
- Table 46. Nanovea Corporate Summary
- Table 47. Nanovea Tribometer Product Offerings
- Table 48. Nanovea Tribometer Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 49. Bruker Corporate Summary
- Table 50. Bruker Tribometer Product Offerings
- Table 51. Bruker Tribometer Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 52. Anton Paar Corporate Summary
- Table 53. Anton Paar Tribometer Product Offerings
- Table 54. Anton Paar Tribometer Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 55. Advanced Mechanical Technology Corporate Summary
- Table 56. Advanced Mechanical Technology Tribometer Product Offerings
- Table 57. Advanced Mechanical Technology Tribometer Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 58. Rtec Instruments Corporate Summary
- Table 59. Rtec Instruments Tribometer Product Offerings
- Table 60. Rtec Instruments Tribometer Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 61. Tribometer Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
- Table 62. Global Tribometer Capacity Market Share of Key Manufacturers, 2020-2022
- Table 63. Global Tribometer Production by Region, 2017-2022 (K Units)
- Table 64. Global Tribometer Production by Region, 2023-2028 (K Units)

Table 65. Tribometer Market Opportunities & Trends in Global Market

Table 66. Tribometer Market Drivers in Global Market

Table 67. Tribometer Market Restraints in Global Market

Table 68. Tribometer Raw Materials

Table 69. Tribometer Raw Materials Suppliers in Global Market

Table 70. Typical Tribometer Downstream

Table 71. Tribometer Downstream Clients in Global Market

Table 72. Tribometer Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Tribometer Segment by Type
- Figure 2. Tribometer Segment by Application
- Figure 3. Global Tribometer Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Tribometer Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Tribometer Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Tribometer Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Tribometer Revenue in 2021
- Figure 9. By Type - Global Tribometer Sales Market Share, 2017-2028
- Figure 10. By Type - Global Tribometer Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Tribometer Price (USD/Unit), 2017-2028
- Figure 12. By Application - Global Tribometer Sales Market Share, 2017-2028
- Figure 13. By Application - Global Tribometer Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Tribometer Price (USD/Unit), 2017-2028
- Figure 15. By Region - Global Tribometer Sales Market Share, 2017-2028
- Figure 16. By Region - Global Tribometer Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Tribometer Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Tribometer Sales Market Share, 2017-2028
- Figure 19. US Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Tribometer Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Tribometer Sales Market Share, 2017-2028
- Figure 24. Germany Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Tribometer Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Tribometer Sales Market Share, 2017-2028
- Figure 33. China Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Tribometer Revenue, (US\$, Mn), 2017-2028

- Figure 36. Southeast Asia Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Tribometer Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Tribometer Sales Market Share, 2017-2028
- Figure 40. Brazil Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Tribometer Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Tribometer Sales Market Share, 2017-2028
- Figure 44. Turkey Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Tribometer Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Tribometer Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Tribometer by Region, 2021 VS 2028
- Figure 50. Tribometer Industry Value Chain
- Figure 51. Marketing Channels

## I would like to order

Product name: Tribometer Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/T5367CA5BE88EN.html>

Price: US\$ 3,250.00 (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/T5367CA5BE88EN.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