

Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/L1282C11879DEN.html>

Date: April 2022

Pages: 76

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

ID: L1282C11879DEN

Abstracts

Laser-Induced Breakdown Spectroscopy (LIBS) is a rapid, portable, in situ atomic spectroscopy technique used to measure the concentration of major and trace elements in solid, liquid, or air samples, or to record the chemical signature (fingerprint) of a material.

This report contains market size and forecasts of Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers in global, including the following market information:

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers companies in 2021 (%)

The global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

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

Portable LIBS Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers include SciAps, Avantes, Rigaku, Ocean Insight, Hitachi High-Tech Analytical Science, LTB Lasertechnik Berlin, B&W Tek, Thermo Fisher Scientific and Horiba, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers 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 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Segment Percentages, by Type, 2021 (%)

Portable LIBS

Desktop LIBS

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Segment Percentages, by Application, 2021 (%)

Geological and Chemical Analysis

Metal Processing and Recycling

Pharmaceutical

Scientific Research

Others

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers 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 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

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

Key companies Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers revenues share in global market, 2021 (%)

Key companies Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers sales share in global market, 2021 (%)

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

SciAps

Avantes

Rigaku

Ocean Insight

Hitachi High-Tech Analytical Science

LTB Lasertechnik Berlin

B&W Tek

Thermo Fisher Scientific

Horiba

Bruker

Velainstruments

SECOPTA

Applied Spectra

Hefei Gold Star M&E

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers 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 LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) SPECTROMETERS OVERALL MARKET SIZE

- 2.1 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size: 2021 VS 2028
- 2.2 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Players in Global Market
- 3.2 Top Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies Ranked by Revenue
- 3.3 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue by Companies
- 3.4 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales by Companies
- 3.5 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price by Manufacturer (2017-2022)

3.6 Top 3 and Top 5 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies in Global Market, by Revenue in 2021

3.7 Global Manufacturers Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Type

3.8 Tier 1, Tier 2 and Tier 3 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Players in Global Market

3.8.1 List of Global Tier 1 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies

3.8.2 List of Global Tier 2 and Tier 3 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size Markets, 2021 & 2028

4.1.2 Portable LIBS

4.1.3 Desktop LIBS

4.2 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue & Forecasts

4.2.1 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2022

4.2.2 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2023-2028

4.2.3 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

4.3 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales & Forecasts

4.3.1 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2022

4.3.2 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2023-2028

4.3.3 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

4.4 By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2021 & 2028

5.1.2 Geological and Chemical Analysis

5.1.3 Metal Processing and Recycling

5.1.4 Pharmaceutical

5.1.5 Scientific Research

5.1.6 Others

5.2 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue & Forecasts

5.2.1 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2022

5.2.2 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2023-2028

5.2.3 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

5.3 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales & Forecasts

5.3.1 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2022

5.3.2 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2023-2028

5.3.3 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

5.4 By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2021 & 2028

6.2 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue & Forecasts

6.2.1 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2022

6.2.2 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2023-2028

6.2.3 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

6.3 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales & Forecasts

6.3.1 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2022

6.3.2 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2023-2028

6.3.3 By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028

6.4.2 By Country - North America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2028

6.4.3 US Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.4.4 Canada Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.4.5 Mexico Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028

6.5.2 By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2028

6.5.3 Germany Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.4 France Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.5 U.K. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.6 Italy Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.7 Russia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.8 Nordic Countries Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.5.9 Benelux Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028

6.6.2 By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2028

6.6.3 China Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.6.4 Japan Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.6.5 South Korea Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.6.6 Southeast Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.6.7 India Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028

6.7.2 By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2028

6.7.3 Brazil Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.7.4 Argentina Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, 2017-2028

6.8.3 Turkey Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.8.4 Israel Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.8.5 Saudi Arabia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

6.8.6 UAE Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 SciAps

7.1.1 SciAps Corporate Summary

7.1.2 SciAps Business Overview

7.1.3 SciAps Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings

7.1.4 SciAps Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)

7.1.5 SciAps Key News

7.2 Avantes

7.2.1 Avantes Corporate Summary

7.2.2 Avantes Business Overview

7.2.3 Avantes Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings

7.2.4 Avantes Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)

7.2.5 Avantes Key News

7.3 Rigaku

7.3.1 Rigaku Corporate Summary

7.3.2 Rigaku Business Overview

7.3.3 Rigaku Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings

7.3.4 Rigaku Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)

7.3.5 Rigaku Key News

7.4 Ocean Insight

7.4.1 Ocean Insight Corporate Summary

7.4.2 Ocean Insight Business Overview

7.4.3 Ocean Insight Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings

7.4.4 Ocean Insight Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)

7.4.5 Ocean Insight Key News

7.5 Hitachi High-Tech Analytical Science

7.5.1 Hitachi High-Tech Analytical Science Corporate Summary

7.5.2 Hitachi High-Tech Analytical Science Business Overview

7.5.3 Hitachi High-Tech Analytical Science Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings

7.5.4 Hitachi High-Tech Analytical Science Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)

- 7.5.5 Hitachi High-Tech Analytical Science Key News
- 7.6 LTB Lasertechnik Berlin
 - 7.6.1 LTB Lasertechnik Berlin Corporate Summary
 - 7.6.2 LTB Lasertechnik Berlin Business Overview
 - 7.6.3 LTB Lasertechnik Berlin Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings
 - 7.6.4 LTB Lasertechnik Berlin Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)
 - 7.6.5 LTB Lasertechnik Berlin Key News
- 7.7 B&W Tek
 - 7.7.1 B&W Tek Corporate Summary
 - 7.7.2 B&W Tek Business Overview
 - 7.7.3 B&W Tek Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings
 - 7.7.4 B&W Tek Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)
 - 7.7.5 B&W Tek Key News
- 7.8 Thermo Fisher Scientific
 - 7.8.1 Thermo Fisher Scientific Corporate Summary
 - 7.8.2 Thermo Fisher Scientific Business Overview
 - 7.8.3 Thermo Fisher Scientific Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings
 - 7.8.4 Thermo Fisher Scientific Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)
 - 7.8.5 Thermo Fisher Scientific Key News
- 7.9 Horiba
 - 7.9.1 Horiba Corporate Summary
 - 7.9.2 Horiba Business Overview
 - 7.9.3 Horiba Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings
 - 7.9.4 Horiba Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales and Revenue in Global (2017-2022)
 - 7.9.5 Horiba Key News
- 7.10 Bruker
 - 7.10.1 Bruker Corporate Summary
 - 7.10.2 Bruker Business Overview
 - 7.10.3 Bruker Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Major Product Offerings
 - 7.10.4 Bruker Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales

and Revenue in Global (2017-2022)

7.10.5 Bruker Key News

7.11 Velainstruments

7.11.1 Velainstruments Corporate Summary

7.11.2 Velainstruments Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Business Overview

7.11.3 Velainstruments Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Major Product Offerings

7.11.4 Velainstruments Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Sales and Revenue in Global (2017-2022)

7.11.5 Velainstruments Key News

7.12 SECOPTA

7.12.1 SECOPTA Corporate Summary

7.12.2 SECOPTA Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Business Overview

7.12.3 SECOPTA Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Major Product Offerings

7.12.4 SECOPTA Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Sales and Revenue in Global (2017-2022)

7.12.5 SECOPTA Key News

7.13 Applied Spectra

7.13.1 Applied Spectra Corporate Summary

7.13.2 Applied Spectra Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Business Overview

7.13.3 Applied Spectra Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Major Product Offerings

7.13.4 Applied Spectra Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers
Sales and Revenue in Global (2017-2022)

7.13.5 Applied Spectra Key News

7.14 Hefei Gold Star M&E

7.14.1 Hefei Gold Star M&E Corporate Summary

7.14.2 Hefei Gold Star M&E Business Overview

7.14.3 Hefei Gold Star M&E Laser Induced Breakdown Spectroscopy (LIBS)
Spectrometers Major Product Offerings

7.14.4 Hefei Gold Star M&E Laser Induced Breakdown Spectroscopy (LIBS)
Spectrometers Sales and Revenue in Global (2017-2022)

7.14.5 Hefei Gold Star M&E Key News

8 GLOBAL LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS)

SPECTROMETERS PRODUCTION CAPACITY, ANALYSIS

8.1 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Production Capacity, 2017-2028

8.2 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Production Capacity of Key Manufacturers in Global Market

8.3 Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers 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 LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) SPECTROMETERS SUPPLY CHAIN ANALYSIS

10.1 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Industry Value Chain

10.2 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Upstream Market

10.3 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers 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 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers in Global Market

Table 2. Top Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Share by Companies, 2017-2022

Table 5. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales by Companies, (K Units), 2017-2022

Table 6. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Type

Table 9. List of Global Tier 1 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), 2017-2022

Table 15. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), 2023-2028

Table 16. By Application – Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales (K Units), 2017-2022

Table 20. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales (K Units), 2023-2028

Table 21. By Region – Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales (K Units), 2017-2022

Table 25. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales (K Units), 2023-2028

Table 26. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2017-2022

Table 29. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2023-2028

Table 30. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2017-2022

Table 33. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2023-2028

Table 34. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2017-2022

Table 37. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales, (K Units), 2023-2028

- Table 38. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, (K Units), 2017-2022
- Table 41. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, (K Units), 2023-2028
- Table 42. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, (K Units), 2017-2022
- Table 45. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales, (K Units), 2023-2028
- Table 46. SciAps Corporate Summary
- Table 47. SciAps Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings
- Table 48. SciAps Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 49. Avantes Corporate Summary
- Table 50. Avantes Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings
- Table 51. Avantes Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 52. Rigaku Corporate Summary
- Table 53. Rigaku Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings
- Table 54. Rigaku Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 55. Ocean Insight Corporate Summary
- Table 56. Ocean Insight Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings
- Table 57. Ocean Insight Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 58. Hitachi High-Tech Analytical Science Corporate Summary
- Table 59. Hitachi High-Tech Analytical Science Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 60. Hitachi High-Tech Analytical Science Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. LTB Lasertechnik Berlin Corporate Summary

Table 62. LTB Lasertechnik Berlin Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 63. LTB Lasertechnik Berlin Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. B&W Tek Corporate Summary

Table 65. B&W Tek Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 66. B&W Tek Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Thermo Fisher Scientific Corporate Summary

Table 68. Thermo Fisher Scientific Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 69. Thermo Fisher Scientific Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. Horiba Corporate Summary

Table 71. Horiba Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 72. Horiba Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Bruker Corporate Summary

Table 74. Bruker Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 75. Bruker Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Velainstruments Corporate Summary

Table 77. Velainstruments Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 78. Velainstruments Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. SECOPTA Corporate Summary

Table 80. SECOPTA Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 81. SECOPTA Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Applied Spectra Corporate Summary

Table 83. Applied Spectra Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 84. Applied Spectra Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. Hefei Gold Star M&E Corporate Summary

Table 86. Hefei Gold Star M&E Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Product Offerings

Table 87. Hefei Gold Star M&E Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 89. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Capacity Market Share of Key Manufacturers, 2020-2022

Table 90. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Production by Region, 2017-2022 (K Units)

Table 91. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Production by Region, 2023-2028 (K Units)

Table 92. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Opportunities & Trends in Global Market

Table 93. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Drivers in Global Market

Table 94. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Restraints in Global Market

Table 95. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Raw Materials

Table 96. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Raw Materials Suppliers in Global Market

Table 97. Typical Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Downstream

Table 98. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Downstream Clients in Global Market

Table 99. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Segment by Type

Figure 2. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Segment by Application

Figure 3. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, 2017-2028 (US\$, Mn)

Figure 7. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales in Global Market: 2017-2028 (K Units)

Figure 8. The Top 3 and 5 Players Market Share by Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue in 2021

Figure 9. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 10. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 11. By Type - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price (US\$/Unit), 2017-2028

Figure 12. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 13. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 14. By Application - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Price (US\$/Unit), 2017-2028

Figure 15. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 16. By Region - Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 17. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 18. By Country - North America Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 19. US Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 24. Germany Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 25. France Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 33. China Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 37. India Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Revenue Market Share, 2017-2028

Figure 39. By Country - South America Laser Induced Breakdown Spectroscopy (LIBS)

Spectrometers Sales Market Share, 2017-2028

Figure 40. Brazil Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy

(LIBS) Spectrometers Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Laser Induced Breakdown Spectroscopy

(LIBS) Spectrometers Sales Market Share, 2017-2028

Figure 44. Turkey Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers

Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Laser Induced Breakdown Spectroscopy

(LIBS) Spectrometers by Region, 2021 VS 2028

Figure 50. Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Industry

Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Laser Induced Breakdown Spectroscopy (LIBS) Spectrometers Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/L1282C11879DEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L1282C11879DEN.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

