

# Handheld Laser Induced Breakdown Spectrometer Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Laser induced breakdown spectroscopy (LIBS) is a form of atomic emission spectroscopy using an energetic laser pulse highly focused at the sample surface to convert a small mass of a sample to plasma, causing the atoms and ions to emit their characteristic emission lines.

This report contains market size and forecasts of Handheld Laser Induced Breakdown Spectrometer in global, including the following market information:

Global Handheld Laser Induced Breakdown Spectrometer Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Handheld Laser Induced Breakdown Spectrometer Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Handheld Laser Induced Breakdown Spectrometer companies in 2021 (%)

The global Handheld Laser Induced Breakdown Spectrometer 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.

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

The global key manufacturers of Handheld Laser Induced Breakdown Spectrometer include SciAps, Hitachi High-Tech Analytical Science, Bruker Corporation, B&W, Thermo Fisher Scientific Inc., Rigaku, Suzhou Xingfan Hua Lei Optoelectronics Technology and Focused Photonics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

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

Global Handheld Laser Induced Breakdown Spectrometer Market Segment Percentages, by Type, 2021 (%)

Non-Carbon LIBS

Carbon Measuring LIBS

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

Global Handheld Laser Induced Breakdown Spectrometer Market Segment Percentages, by Application, 2021 (%)

Geological and Chemical Analysis

Metal Processing and Recycling

Pharmaceutical

Scientific Research

Others

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

Global Handheld Laser Induced Breakdown Spectrometer 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 Handheld Laser Induced Breakdown Spectrometer revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Handheld Laser Induced Breakdown Spectrometer revenues share in global market, 2021 (%)

Key companies Handheld Laser Induced Breakdown Spectrometer sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Handheld Laser Induced Breakdown Spectrometer sales share in global market, 2021 (%)

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

SciAps

Hitachi High-Tech Analytical Science

Bruker Corporation

B&W

Thermo Fisher Scientific Inc.

Rigaku

Suzhou Xingfan Hua Lei Optoelectronics Technology

Focused Photonics

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