

# Global Handheld Laser Induced Breakdown Spectroscopy Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Handheld Laser Induced Breakdown Spectroscopy market size was valued at USD 75 million in 2023 and is forecast to a readjusted size of USD 114.6 million by 2030 with a CAGR of 6.2% during review period.

Global main manufacturers of handheld laser induced breakdown spectroscopy include SciAps, Hitachi high tech analytical science, etc. Sciaps has the largest market share of about 20%. North America is the largest regional market, with a regional share of about 25%. At present, LIBS without carbon measurement function type is the main type of product market, with about 70% market share. The most important application is in the field of metal processing and recycling, with a share of about 35%.

The Global Info Research report includes an overview of the development of the Handheld Laser Induced Breakdown Spectroscopy industry chain, the market status of Geological and Chemical Analysis (LIBS with Carbon Measurement Function, LIBS without Carbon Measurement Function), Metal Processing and Recycling (LIBS with Carbon Measurement Function, LIBS without Carbon Measurement Function), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Handheld Laser Induced Breakdown Spectroscopy.

Regionally, the report analyzes the Handheld Laser Induced Breakdown Spectroscopy markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Handheld Laser Induced Breakdown Spectroscopy

market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Handheld Laser Induced Breakdown Spectroscopy market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Handheld Laser Induced Breakdown Spectroscopy industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., LIBS with Carbon Measurement Function, LIBS without Carbon Measurement Function).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Handheld Laser Induced Breakdown Spectroscopy market.

**Regional Analysis:** The report involves examining the Handheld Laser Induced Breakdown Spectroscopy market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Handheld Laser Induced Breakdown Spectroscopy market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Handheld Laser Induced Breakdown Spectroscopy:

**Company Analysis:** Report covers individual Handheld Laser Induced Breakdown Spectroscopy manufacturers, suppliers, and other relevant industry players. This

analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Handheld Laser Induced Breakdown Spectroscopy. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Geological and Chemical Analysis, Metal Processing and Recycling).

**Technology Analysis:** Report covers specific technologies relevant to Handheld Laser Induced Breakdown Spectroscopy. It assesses the current state, advancements, and potential future developments in Handheld Laser Induced Breakdown Spectroscopy areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Handheld Laser Induced Breakdown Spectroscopy market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Handheld Laser Induced Breakdown Spectroscopy market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

LIBS with Carbon Measurement Function

LIBS without Carbon Measurement Function

### Market segment by Application

Geological and Chemical Analysis

Metal Processing and Recycling

Pharmaceutical

Science and Research

Others

#### Major players covered

SciAps

Hitachi High-Tech Analytical Science

Thermo Fisher Scientific Inc.

Rigaku

Bruker Corporation

B&W Tek

Vela Instruments

Focused Photonics Inc?Arun Technology?

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Handheld Laser Induced Breakdown Spectroscopy product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Handheld Laser Induced Breakdown Spectroscopy, with price, sales, revenue and global market share of Handheld Laser Induced Breakdown Spectroscopy from 2019 to 2024.

Chapter 3, the Handheld Laser Induced Breakdown Spectroscopy competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Handheld Laser Induced Breakdown Spectroscopy breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Handheld Laser Induced Breakdown Spectroscopy market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Handheld Laser Induced Breakdown Spectroscopy.

Chapter 14 and 15, to describe Handheld Laser Induced Breakdown Spectroscopy sales channel, distributors, customers, research findings and conclusion.

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