

# 2018-2023 Global ICP-OES Spectrometer Consumption Market Report

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## Abstracts

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

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global ICP-OES Spectrometer market for 2018-2023.

The ICP-Optical Emission Spectrometer (ICP-OES), sometimes referred to as an ICP-Atomic Emission Spectrometer (ICP-AES), separates the light emitted from the plasma into its discrete component wavelengths using a diffraction grating. Each element in the periodic table has its own distinct set of emission wavelengths.

The Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) analysis method uses a high-frequency inductively coupled plasma as the light source, and is ideal for the element analysis of sample solutions. The ICP Emission Spectrometer has become highly regarded for its speed and accuracy, due to the increase in the number of analyzed samples and analyzed elements in recent years (simultaneous ICP-OES). The ICP-OES is widely used as the official analysis method according to European Commission for drinking water analysis and enables a large field of applications for element analysis. Beside general and environmental testing laboratories (water, soils), the ICPE-9800 is used in oil and gas industries for analysis of petrochemicals (oils, fuels, biofuels) and in the pharmaceutical sector to fulfill the requirements of the European Pharmacopoeia.

ICP-OES Spectrometer can be classified as two types, such as Sequential type and Simultaneous Type . It can be widely used in many industries. Survey results showed that 24.53% of the ICP-OES Spectrometer market is Pharmaceutical Industry, 19.82% is Environmental Analysis, 16.49% is Metallurgical, 39.16% divided among other industries in 2016. With the development of economy, Countries increasingly stringent environmental requirements, these industries will need more ICP-OES Spectrometer.

So, ICP-OES Spectrometer has a huge market potential in the future. Over the next five years, LPI(LP Information) projects that ICP-OES Spectrometer will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of ICP-OES Spectrometer market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Sequential Type

Simultaneous Type

Segmentation by application:

Pharmaceutical Industry

Environmental Analysis

Metallurgical

Others

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Shimadzu

GBC

PerkinElmer

Thermo Fisher Scientific

Agilent

Spectro

Teledyne Leeman Labs

Analytik Jena

Horiba

Skyray Instrument

Huaketiancheng

FPI

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## Research objectives

To study and analyze the global ICP-OES Spectrometer consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of ICP-OES Spectrometer market by identifying its various subsegments.

Focuses on the key global ICP-OES Spectrometer manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the ICP-OES Spectrometer with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of ICP-OES Spectrometer submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

## Contents

### **1 SCOPE OF THE REPORT**

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global ICP-OES Spectrometer Consumption 2013-2023
  - 2.1.2 ICP-OES Spectrometer Consumption CAGR by Region
- 2.2 ICP-OES Spectrometer Segment by Type
  - 2.2.1 Sequential Type
  - 2.2.2 Simultaneous Type
- 2.3 ICP-OES Spectrometer Consumption by Type
  - 2.3.1 Global ICP-OES Spectrometer Consumption Market Share by Type (2013-2018)
  - 2.3.2 Global ICP-OES Spectrometer Revenue and Market Share by Type (2013-2018)
  - 2.3.3 Global ICP-OES Spectrometer Sale Price by Type (2013-2018)
- 2.4 ICP-OES Spectrometer Segment by Application
  - 2.4.1 Pharmaceutical Industry
  - 2.4.2 Environmental Analysis
  - 2.4.3 Metallurgical
  - 2.4.4 Others
- 2.5 ICP-OES Spectrometer Consumption by Application
  - 2.5.1 Global ICP-OES Spectrometer Consumption Market Share by Application (2013-2018)
  - 2.5.2 Global ICP-OES Spectrometer Value and Market Share by Application (2013-2018)
  - 2.5.3 Global ICP-OES Spectrometer Sale Price by Application (2013-2018)

### **3 GLOBAL ICP-OES SPECTROMETER BY PLAYERS**

- 3.1 Global ICP-OES Spectrometer Sales Market Share by Players
  - 3.1.1 Global ICP-OES Spectrometer Sales by Players (2016-2018)

- 3.1.2 Global ICP-OES Spectrometer Sales Market Share by Players (2016-2018)
- 3.2 Global ICP-OES Spectrometer Revenue Market Share by Players
  - 3.2.1 Global ICP-OES Spectrometer Revenue by Players (2016-2018)
  - 3.2.2 Global ICP-OES Spectrometer Revenue Market Share by Players (2016-2018)
- 3.3 Global ICP-OES Spectrometer Sale Price by Players
- 3.4 Global ICP-OES Spectrometer Manufacturing Base Distribution, Sales Area, Product Types by Players
  - 3.4.1 Global ICP-OES Spectrometer Manufacturing Base Distribution and Sales Area by Players
  - 3.4.2 Players ICP-OES Spectrometer Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

## **4 ICP-OES SPECTROMETER BY REGIONS**

- 4.1 ICP-OES Spectrometer by Regions
  - 4.1.1 Global ICP-OES Spectrometer Consumption by Regions
  - 4.1.2 Global ICP-OES Spectrometer Value by Regions
- 4.2 Americas ICP-OES Spectrometer Consumption Growth
- 4.3 APAC ICP-OES Spectrometer Consumption Growth
- 4.4 Europe ICP-OES Spectrometer Consumption Growth
- 4.5 Middle East & Africa ICP-OES Spectrometer Consumption Growth

## **5 AMERICAS**

- 5.1 Americas ICP-OES Spectrometer Consumption by Countries
  - 5.1.1 Americas ICP-OES Spectrometer Consumption by Countries (2013-2018)
  - 5.1.2 Americas ICP-OES Spectrometer Value by Countries (2013-2018)
- 5.2 Americas ICP-OES Spectrometer Consumption by Type
- 5.3 Americas ICP-OES Spectrometer Consumption by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Key Economic Indicators of Few Americas Countries

## **6 APAC**

## 6.1 APAC ICP-OES Spectrometer Consumption by Countries

6.1.1 APAC ICP-OES Spectrometer Consumption by Countries (2013-2018)

6.1.2 APAC ICP-OES Spectrometer Value by Countries (2013-2018)

## 6.2 APAC ICP-OES Spectrometer Consumption by Type

## 6.3 APAC ICP-OES Spectrometer Consumption by Application

## 6.4 China

## 6.5 Japan

## 6.6 Korea

## 6.7 Southeast Asia

## 6.8 India

## 6.9 Australia

## 6.10 Key Economic Indicators of Few APAC Countries

# 7 EUROPE

## 7.1 Europe ICP-OES Spectrometer by Countries

7.1.1 Europe ICP-OES Spectrometer Consumption by Countries (2013-2018)

7.1.2 Europe ICP-OES Spectrometer Value by Countries (2013-2018)

## 7.2 Europe ICP-OES Spectrometer Consumption by Type

## 7.3 Europe ICP-OES Spectrometer Consumption by Application

## 7.4 Germany

## 7.5 France

## 7.6 UK

## 7.7 Italy

## 7.8 Russia

## 7.9 Spain

## 7.10 Key Economic Indicators of Few Europe Countries

# 8 MIDDLE EAST & AFRICA

## 8.1 Middle East & Africa ICP-OES Spectrometer by Countries

8.1.1 Middle East & Africa ICP-OES Spectrometer Consumption by Countries (2013-2018)

8.1.2 Middle East & Africa ICP-OES Spectrometer Value by Countries (2013-2018)

## 8.2 Middle East & Africa ICP-OES Spectrometer Consumption by Type

## 8.3 Middle East & Africa ICP-OES Spectrometer Consumption by Application

## 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 and Impact

9.1.1 Growing Demand from Key Regions

9.1.2 Growing Demand from Key Applications and Potential Industries

9.2 Market Challenges and Impact

9.3 Market Trends

## **10 MARKETING, DISTRIBUTORS AND CUSTOMER**

10.1 Sales Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.2 ICP-OES Spectrometer Distributors

10.3 ICP-OES Spectrometer Customer

## **11 GLOBAL ICP-OES SPECTROMETER MARKET FORECAST**

11.1 Global ICP-OES Spectrometer Consumption Forecast (2018-2023)

11.2 Global ICP-OES Spectrometer Forecast by Regions

11.2.1 Global ICP-OES Spectrometer Forecast by Regions (2018-2023)

11.2.2 Global ICP-OES Spectrometer Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

11.2.4 APAC Consumption Forecast

11.2.5 Europe Consumption Forecast

11.2.6 Middle East & Africa Consumption Forecast

11.3 Americas Forecast by Countries

11.3.1 United States Market Forecast

11.3.2 Canada Market Forecast

11.3.3 Mexico Market Forecast

11.3.4 Brazil Market Forecast

11.4 APAC Forecast by Countries

11.4.1 China Market Forecast

11.4.2 Japan Market Forecast

11.4.3 Korea Market Forecast

- 11.4.4 Southeast Asia Market Forecast
- 11.4.5 India Market Forecast
- 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
  - 11.5.1 Germany Market Forecast
  - 11.5.2 France Market Forecast
  - 11.5.3 UK Market Forecast
  - 11.5.4 Italy Market Forecast
  - 11.5.5 Russia Market Forecast
  - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
  - 11.6.1 Egypt Market Forecast
  - 11.6.2 South Africa Market Forecast
  - 11.6.3 Israel Market Forecast
  - 11.6.4 Turkey Market Forecast
  - 11.6.5 GCC Countries Market Forecast
- 11.7 Global ICP-OES Spectrometer Forecast by Type
- 11.8 Global ICP-OES Spectrometer Forecast by Application

## **12 KEY PLAYERS ANALYSIS**

- 12.1 Shimadzu
  - 12.1.1 Company Details
  - 12.1.2 ICP-OES Spectrometer Product Offered
  - 12.1.3 Shimadzu ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin (2016-2018)
  - 12.1.4 Main Business Overview
  - 12.1.5 Shimadzu News
- 12.2 GBC
  - 12.2.1 Company Details
  - 12.2.2 ICP-OES Spectrometer Product Offered
  - 12.2.3 GBC ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin (2016-2018)
  - 12.2.4 Main Business Overview
  - 12.2.5 GBC News
- 12.3 PerkinElmer
  - 12.3.1 Company Details
  - 12.3.2 ICP-OES Spectrometer Product Offered
  - 12.3.3 PerkinElmer ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin

(2016-2018)

12.3.4 Main Business Overview

12.3.5 PerkinElmer News

12.4 Thermo Fisher Scientific

12.4.1 Company Details

12.4.2 ICP-OES Spectrometer Product Offered

12.4.3 Thermo Fisher Scientific ICP-OES Spectrometer Sales, Revenue, Price and

Gross Margin (2016-2018)

12.4.4 Main Business Overview

12.4.5 Thermo Fisher Scientific News

12.5 Agilent

12.5.1 Company Details

12.5.2 ICP-OES Spectrometer Product Offered

12.5.3 Agilent ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin

(2016-2018)

12.5.4 Main Business Overview

12.5.5 Agilent News

12.6 Spectro

12.6.1 Company Details

12.6.2 ICP-OES Spectrometer Product Offered

12.6.3 Spectro ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin

(2016-2018)

12.6.4 Main Business Overview

12.6.5 Spectro News

12.7 Teledyne Leeman Labs

12.7.1 Company Details

12.7.2 ICP-OES Spectrometer Product Offered

12.7.3 Teledyne Leeman Labs ICP-OES Spectrometer Sales, Revenue, Price and

Gross Margin (2016-2018)

12.7.4 Main Business Overview

12.7.5 Teledyne Leeman Labs News

12.8 Analytik Jena

12.8.1 Company Details

12.8.2 ICP-OES Spectrometer Product Offered

12.8.3 Analytik Jena ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin

(2016-2018)

12.8.4 Main Business Overview

12.8.5 Analytik Jena News

12.9 Horiba

- 12.9.1 Company Details
- 12.9.2 ICP-OES Spectrometer Product Offered
- 12.9.3 Horiba ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.9.4 Main Business Overview
- 12.9.5 Horiba News
- 12.10 Skyray Instrument
  - 12.10.1 Company Details
  - 12.10.2 ICP-OES Spectrometer Product Offered
  - 12.10.3 Skyray Instrument ICP-OES Spectrometer Sales, Revenue, Price and Gross Margin (2016-2018)
  - 12.10.4 Main Business Overview
  - 12.10.5 Skyray Instrument News
- 12.11 Huaketiancheng
- 12.12 FPI

## **13 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of ICP-OES Spectrometer

Table Product Specifications of ICP-OES Spectrometer

Figure ICP-OES Spectrometer Report Years Considered

Figure Market Research Methodology

Figure Global I

## I would like to order

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