

Global Optical Emission Spectroscopy Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Optical Emission Spectroscopy, or OES, is a reliable and extensively used analytical technique used to establish the elemental composition of a wide range of metals. The elements and concentrations that can be determined by OES analyzers depend on the material being tested and the type of analyzer used.

According to our (Global Info Research) latest study, the global Optical Emission Spectroscopy market size was valued at USD 484.5 million in 2022 and is forecast to a readjusted size of USD 672 million by 2029 with a CAGR of 4.8% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

APAC is expected to hold the largest share of the global optical emission spectroscopy (OES) market in 2018. Continuous advancements in APAC, in terms of economic growth, infrastructural developments, and the automotive industry, are likely to boost the requirement of OES equipment in this region.

This report is a detailed and comprehensive analysis for global Optical Emission Spectroscopy market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Optical Emission Spectroscopy market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Optical Emission Spectroscopy market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Optical Emission Spectroscopy market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Optical Emission Spectroscopy market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Optical Emission Spectroscopy

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Optical Emission Spectroscopy market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thermo Fisher Scientific, Bruker, Hitachi High-Technologies, Ametek and Shimadzu, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Optical Emission Spectroscopy market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and

value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Arc/Spark Optical Emission Spectroscopy

Inductively Coupled Plasma Optical Emission Spectroscopy

Market segment by Application

Oil & Gas

Metals and Heavy Machinery

Automotive

Scrap and Recycling

Aerospace & Defense

Chemicals

Infrastructure

Pharmaceuticals and Life Sciences

Power Generation

Major players covered

Thermo Fisher Scientific

Bruker

Hitachi High-Technologies

Ametek

Shimadzu

Horiba

Perkinelmer

Agilent Technologies

Skyray Instrument

Analytik Jena for Endress+Hauser

Focused Photonics (Hangzhou)

Spectro Scientific Inc.

GBC Scientific Equipment Pty Ltd

Teledyne Leeman Labs

GNR Analytical Instruments Group

SGS

Bureau Veritas

Intertek

TUV SUD

Element Materials Technology

TUV Rheinland

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 Optical Emission Spectroscopy product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Optical Emission Spectroscopy, with price, sales, revenue and global market share of Optical Emission Spectroscopy from 2018 to 2023.

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

Chapter 4, the Optical Emission Spectroscopy breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Optical Emission Spectroscopy market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Optical Emission Spectroscopy.

Chapter 14 and 15, to describe Optical Emission Spectroscopy sales channel, distributors, customers, research findings and conclusion.

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