

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Acousto-Optic Modulators Market 2018, Forecast to 2023

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Abstracts

An acousto-optic modulator (AOM) is a device which can be used for controlling the power, frequency or spatial direction of a laser beam with an electrical drive signal. It is based on the acousto-optic effect, i.e. the modification of the refractive index by the oscillating mechanical pressure of a sound wave.

Scope of the Report:

This report focuses on the Acousto-Optic Modulators in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. At present, in the foreign industrial developed countries the Acousto-Optic Modulators industry is generally at a more advanced level, the world's large enterprises are mainly concentrated in UK and USA. Meanwhile, foreign companies have more advanced equipment, strong R & D capability, the technical level is in a leading position. The global Acousto-Optic Modulators industry has reached a production volume of approximately 26745 Units in 2015.

The concentration of Acousto-Optic Modulators industry is high. The top manufacturers are Gooch&Housego, Brimrose and Isomet Corporation. Each of production, respectively with global production market share as 69.92%, 13.76% and 5.41% in 2015. Other key manufacturers include AA Opto-Electronic Company, A•P•E GmbH, IntraAction Corp and Lightcomm Technology.

By the consumption region, the key consumption markets locate at developed countries. The United States takes the market share of 44.39%, followed by Continental Europe with 21.56% and UK with 18.71%. The production technology in China is relatively laggard to produce some low-end product. Although the new production lines are increasing, and the high-end product is still relying on import.

Despite the presence of competition problems, due to the clear global recovery trend, investors are still optimistic about this area. In future there will be more new investment enter into the field.

Although Acousto-Optic Modulators brings a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for Acousto-Optic Modulators is expected to grow at a CAGR of roughly xx% over the next five years, will reach 51 million US\$ in 2023, from 51 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Gooch&Housego

Brimrose

Isomet Corporation

AA Opto-Electronic Company

A·P·E GmbH

IntraAction Corp

Lightcomm Technology Co.,Ltd

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Fiber-Coupled Acousto-optic Modulators

Free-Space Acousto-optic Modulators

Market Segment by Applications, can be divided into

Material processing

Medical (surgery, beauty)

Laser Printing

Laser imaging and displays

Research

There are 15 Chapters to deeply display the global Acousto-Optic Modulators market.

Chapter 1, to describe Acousto-Optic Modulators Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Acousto-Optic Modulators, with sales, revenue, and price of Acousto-Optic Modulators, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Acousto-Optic Modulators, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Acousto-Optic Modulators market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Acousto-Optic Modulators sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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