

# 2018-2023 Global Acousto-Optic Modulator 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 Acousto-Optic Modulator market for 2018-2023.

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.

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 sales market share as 69.97%, 13.93% and 4.79% in 2016. 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 has reached a market size of approximately 20.77 million USD in 2016 and takes the market share of 43.76%, followed by Europe with 40.14%. 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.

Over the next five years, LPI(LP Information) projects that Acousto-Optic Modulator will register a 5.1% CAGR in terms of revenue, reach US\$ 69 million by 2023, from US\$ 51 million in 2017.

This report presents a comprehensive overview, market shares, and growth

opportunities of Acousto-Optic Modulator 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:

Fiber-Coupled Acousto-optic Modulators

Free-Space Acousto-optic Modulators

Segmentation by application:

Material processing

Medical (surgery, beauty)

Laser Printing

Laser imaging and displays

Research

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:

Gooch&Housego

Brimrose

Isomet Corporation

AA Opto-Electronic Company

A·P·E GmbH

IntraAction Corp

Lightcomm Technology Co.,Ltd

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 Acousto-Optic Modulator 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 Acousto-Optic Modulator market by identifying its various subsegments.

Focuses on the key global Acousto-Optic Modulator 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 Acousto-Optic Modulator 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 Acousto-Optic Modulator 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.

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