

Acousto-optic Devices Market 2017 Global Share, Trend, Segmentation and Forecast to 2021

The analysts forecast the global Acousto-Optic Devices market to grow at a CAGR of 9.46% during the period 2017-2021.

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[Global Acousto-optic Devices Market](#)

Description

Acousto-optics is a branch of physics that involves the study of interactions between sound waves and light waves. The principle of acousto-optics is achieved by the diffraction of laser light using ultrasound waves, which pass through an ultrasonic grating. The diffracted image captures the acousto-optic effect. Acousto-optic devices are used to regulate laser beams and modulate and deflect these beams in an optical medium. Some of the devices using this principle include modulators, deflectors, tunable filters, and frequency shifters.

Covered in this report

The report covers the present scenario and the growth prospects of the global Acousto-Optic Devices market for 2017-2021. To calculate the market size, the report considers sales of acousto-optic devices to the end-user sectors.

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The market is divided into the following segments based on geography:

- APAC
- Europe
- North America
- ROW



The Global Acousto-Optic Devices Market 2017-2021, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors

- Brimrose Corporation of America
- Gooch & Housego
- Harris
- Isomet

Other prominent vendors

- AMS Technologies
- AA Opto Electronic
- A.P.E Angewandte Physik & Elektronik
- Coherent
- IntraAction Electronics
- Pro-Lite Technology
- Panasonic

Market driver

- Investments in manufacturing plants worldwide
- For a full, detailed list, view our report

Market challenge

- Time to market pressure
- For a full, detailed list, view our report

Market trend

- Miniaturization of electronic devices
- For a full, detailed list, view our report

Key questions answered in this report

- What will the market size be in 2021 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

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Table of Contents -Major Key Points

PART 01: Executive summary

PART 02: Scope of the report

PART 03: Research Methodology

PART 04: Introduction

- Market outline

PART 05: Market landscape

- Market overview
- Market size and forecast
- Five forces analysis

PART 06: Market segmentation by application

- Applications of acousto-optic devices
- Materials processing
- Laser processing
- Microprocessing
- Others

PART 07: Market segmentation by end-user

- End-user sectors for acousto-optic devices
- Life sciences and research
- Industrial sector
- Telecom sector
- Medical sector
- Aerospace and defense sector
- Oil and gas sector

PART 08: Market segmentation by product type

- Global acousto-optic devices market by product type
- Modulator
- Deflector
- Q-switch
- Tunable filter
- Frequency shifter
- Mode locker
- RF driver
- Cavity dumper

PART 09: Geographical segmentation

- Regional segregation of acousto-optic devices
- North America
- Europe
- APAC
- ROW

PART 10: Decision framework

PART 11: Drivers and challenges

- Market drivers
- Market challenges

PART 12: Market trends

- Miniaturization of electronic devices
- Emergence of fourth industrial revolution (4IR)
- Demand for automotive laser headlamps

PART 13: Vendor landscape

- Competitive scenario
- Key vendors
- Other prominent vendors

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