

2020-2025 Global Automated Optical Metrology Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/2B492D020DF5EN.html>

Date: June 2021

Pages: 132

Price: US\$ 3,360.00 (Single User License)

ID: 2B492D020DF5EN

Abstracts

Optical metrology is the field of science and technology that is concerned with optical measurements such as radiometry and photometry. The technology includes measurement of unseen dimensions and objects and is majorly used for applications where it is difficult to establish physical contact between the sensors and surface of the object to be measured. The industrial manufacturing has evolved over the years and become highly competitive on account of profit crunching, need for achieving economies of scale, and mounting pressure to deliver quality output in shorter lead times. This has driven the need for automation in manufacturing units, supporting demand for automated metrology equipment for inspection and reverse engineering applications. Thus, optical metrology being capable of boosting efficiency, productivity and quality levels through 100% inspection rates has become an integral element in industrial automation.

This report elaborates the market size, market characteristics, and market growth of the Automated Optical Metrology industry, and breaks down according to the type, application, and consumption area of Automated Optical Metrology. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Automated Optical Metrology in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Automated Optical Metrology market covered in Chapter 13:

Carl Zeiss Optotechnik GmbH
Optical Gaging Products Inc.
Nikon Metrology Inc.
Hexagon AB
KLA Tencor Corporation
Optical Metrological Services Ltd
MueTec
ASML Holding NV
Steinbichler Optotechnik GmbH

In Chapter 6, on the basis of types, the Automated Optical Metrology market from 2015 to 2025 is primarily split into:

Laser Scanners
Coordinate Measuring Machines
Video Measuring Machines

In Chapter 7, on the basis of applications, the Automated Optical Metrology market from 2015 to 2025 covers:

Medical
Automotive
Industrial
Energy & Power
Aerospace & Defense
Consumer Electronics
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)
United States
Canada

Mexico
Europe (Covered in Chapter 9)
Germany
UK
France
Italy
Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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