

# **Global Blast Monitoring Equipment Market Size study & Forecast, by Product ( Blast Monitors, Real time Dust Monitors, Dust Samplers and Visibility Monitors), by End Use Industry ( Defence , Chemical, Mining and Construction, Oil and Gas and Others) by Application ( Underground mining, Surface mining, Demolition, Detonation, Rock Blasting and Others), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Blast Monitoring Equipment Market is valued approximately USD 253.3 million in 2021 and is anticipated to grow with a healthy growth rate of more than 5.0% over the forecast period 2022-2029. Blast monitoring equipment are being used by the companies to monitor the vibration, noise level, air overpressure, and environment index. Several industry standards have been set up to monitor the air overpressure and safe vibration brought on by blasting activities. Blasting actions are within accepted parameters according to the event data that was confirmed for the monitoring unit. Additionally, it might be useful to create a blast that is more effective while minimizing environmental impact. The Blast Monitoring Equipment market is expanding because of factors such as increase in usage of Industrial Internet of Things (IIoT) and increase in construction and mining activities worldwide. However, the effect of the governing rules of conduct and lack of qualified technological resources for data processing may halt market growth.

Rising mining activities world wide is fostering the market growth, according to the United States Geological Survey (USGS), United States has been on the leading countries in terms of mining operations on the global scenario. The United States mines produced minerals of around USD 84.3 billion in the year 2018 which enhanced and

reached USD 86.3 billion in the year 2019. The United States mine production was around USD 28.1 billion in the year 2019, up by around USD 500 million from the year 2018. In addition, rising demand from end use industries, increase in implementation of automated condition monitoring technologies is further fostering the market growth. However, the high cost of Blast Monitoring Equipment stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Blast Monitoring Equipment Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the rising mining activities, rising adoption of IIoT devices. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising government support to mining and construction activities, geographic expansion of key players.

Major market player included in this report are:

Orica Ltd

Hexagon Ab

Acoem

Shottrack Pty Ltd

Stanley Black & Decker, Inc.

Geosonics/Vibra-Tech Inc.

Sigicom Ab

Elcometer

Ids Georadar

Finexplo Oy

Recent Developments in the Market:

In September 2021, Orica unveiled their most recent bulk explosives technology, 4D. By adjusting the energy of the explosives during a blast in real-time to the geology, the innovative 4D bulk technique accelerates fragmentation, boosts on-bench productivity, and lowers overall drill and blast costs.

In 2021, Elcometer has announced the introduction of a full line of abrasive blasting tools, including dry abrasive blasting machines, precision media valves, blast hose, blast nozzles, and personal safety gear.

Global Blast Monitoring Equipment Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Product, End Use Industry, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Blast Monitors

Real time Dust Monitors

Dust Samplers

Visibility Monitors

By End Use Industry:

Defense

Chemicals

Mining and Construction

Oil and Gas

Others

By Application:

Underground Mines

Surface Mining

Demolition

Detonation

Rock Blasting

Others

By Region:

North America

U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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