

# **Global Sensor-based Sorting Machine Market Size study & Forecast, by Type (Chute Type, Belt Type), by Technology (Laser Sorters, X-ray Transmission, Color-based, Near-infrared, Combination of Different Technologies), by Application (Metallic, Non-Metallic), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Sensor-based Sorting Machine Market is valued at approximately USD 4.2 billion in 2022 and is anticipated to grow with a growth rate of more than 5.7% over the forecast period 2023-2030. Sensor-based sorting is an artificial intelligence algorithm to enhance the accuracy and efficiency of material separation processes. That is used for particle sizes ranging between 0.5 to 300 mm. Sensor-based sorting machines are used in various industries such as mining, recycling, distribution and packaging. The increased investment in the food and beverage industries and improving accuracy & reducing the cost of production are key factors responsible for Sensor-based Sorting Machine growth over the forecast period of 2023-2030.

The increasing investment in the food and beverage sector is the primary factor of growth in the market. For instance, according to the Good Food Institute (gfi.org), in 2020, Plant-based meat, egg, and dairy companies received \$2.1 billion in investments in 2020, and protein companies received \$590 million investments. Also, technological advancements in the Sensor-based Sorting Machine Market will accelerate market growth. For instance, In May 2020, TOMRA introduced a new optical sorting machine named TOMRA 3C, which achieves exceptional sorting efficiencies. Moreover, increased investment in research and development by key players and increased adoption of automation in end-user industries are anticipated to create a positive outlook for the market. However, high capital investment will stifle market growth

throughout the forecast period of 2023-2030.

The key regions considered for the Global Sensor-based Sorting Machine Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in terms of revenue owing to factors such as the increased demand for processed and nutritional food products, increased adoption in End-user industries and rising technological advancements in the region. Asia-Pacific is the fastest-growing region due to increased investment by major international companies and increasing awareness towards the cleanliness of the environment by sorting machines in the region.

Major market player included in this report are:

Allgaier Process Technology GmbH

CSG Systems International, Inc

IMS ENGINEERING (PRIVATE) LIMITED

Leevams Incorporated

Barcoveision LLC

Sesotec GmbH

Stark Resources Limited

Steinert GmbH

Tomra Systems ASA

BT-Wolfgang Binder GmbH

Recent Developments in the Market:

In Sep 2022, Tomra, a global leader in the collection and sorting of plastics, offered customers its specialized solutions for plastics, such as AUTOSORT™, AUTOSORT™ FLAKE and INNOSORT™ FLAKE. These technologies for the sorting of various plastic types, including flake sorting, also help to turn the

sorting process into a strategic management tool.

## Global Sensor-based Sorting Machine Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Technology, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Type:

Chute Type

Belt Type

By Technology:

Laser Sorters,

X-ray Transmission

Color-based

Near-infrared

Combination of Different Technologies

By Application:

Metallic

Non-metallic

Distribution Channel

Direct Sales

Indirect Sales

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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