

Airport Full Body Scanner Market Report and Forecast 2025-2034

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Report description:

The global airport full body scanner market attained a value of about USD 108.61 Million in 2024. The market is expected to grow in the forecast period of 2025-2034 at a CAGR of 10.50% to reach nearly USD 294.78 Million by 2034.

Expansion of Airports Bolstering the Growth of the Airport Full Body Scanner Industry

The rapid development of airports in low and middle income countries is aiding the market growth of airport full body scanner. For instance, in March 2021, the Indian government announced that it would develop 100 more airports in tier 2 and tier 3 cities during 2021-22. Such initiatives are positively impacting the market growth. As full body scanners can detect possible security threats, such as explosives or non-metallic weapons that cannot be identified by simple metal detectors, they are increasingly being employed in various airports, which is invigorating the industry growth. In addition, the deployment of airport full body scanners in several airports with the surge in security threats is expected to propel the market growth. Airport full body scanner also aids in enhancing the personal comfort of passengers by preventing invasive pat-downs, which is further expected to catalyse the market growth.

Airport Full Body Scanner: Market Segmentation

Airport full body scanner is a device that is deployed in airports to detect objects on and inside the human body to enhance security. The display of the scanner is not visible to other travellers, due to which it promotes consumers' comfort and privacy. Airport full body scanner can detect both metal and non-metal objects, which makes it ideal for security screening.

The major technologies of full body scanner are:

- Millimetre Wave Scanner

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- Backscatter X-Ray Scanner

The market can be broadly categorised on the basis of airport types into:

- Commercial Airport
- Cargo Service Airport
- Reliever Airport
- General Aviation Airport

The EMR report looks into the regional markets of airport full body scanner like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Demand to Limit Physical Contact in the Wake of the COVID-19 Pandemic to Augment the Market Growth

As the aerospace industry was one of the most severely affected industries due to travel restrictions and safety concerns, airports are increasingly adopting various innovative methods to address the COVID-19 crisis. This is surging the use of full body scanners to prevent contact between traveller, professionals, and security to lower the chances of the COVID-19 infection, hence, augmenting the market growth. The increasing deployment of full body scanners that are automated and self-serviced owing to rising safety concerns is further propelling the industry growth. In addition, the growing awareness regarding the misinformation provided by thermal scanners is surging the demand for full body scanners to enhance security and safety in airports, which is augmenting the market growth. For instance, it was announced in August 2021 that full body scanners are expected to be deployed in the Indira Gandhi International Airport, New Delhi. Moreover, the growing demand for millimetre wave scanners owing to their low radiation emission is also fuelling the market growth. The development of full body scanners that can provide enhanced security while being passenger-friendly is projected to invigorate the market growth.

Key Industry Players in the Global Airport Full Body Scanner Market

The report presents a detailed analysis of the following key players in the global airport full body scanner market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Smiths Group plc
- Rapiscan Systems Ltd.
- Braun and Co. Limited
- Rohde & Schwarz
- Linev Adani
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

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