

South Korea Computed Tomography Market Report by Type (Low Slice, Medium Slice, High Slice), Application (Oncology, Neurology, Cardiovascular, Musculoskeletal, and Others), End User (Hospitals, Diagnostic Centers, and Others), and Region 2026-2034

<https://marketpublishers.com/r/SF78EDDF6658EN.html>

Date: July 2026

Pages: 116

Price: US\$ 2,999.00 (Single User License)

ID: SF78EDDF6658EN

Abstracts

South Korea computed tomography market size reached USD 98.8 Million in 2025 . Looking forward, IMARC Group expects the market to reach USD 162.3 Million by 2034 , exhibiting a growth rate (CAGR) of 5.67% during 2026-2034 . The growing utilization of diagnostic tools to address age-related health issues, increasing need for early and accurate diagnosis of diseases, and rising focus on patient safety and comfort represent some of the key factors driving the market.

Computed tomography (CT) comprises the use of X-rays and advanced computer algorithms to create detailed cross-sectional images of the human body. It is a non-invasive and highly informative diagnostic technique that facilitates quicker and more accurate diagnoses, which ultimately offer enhanced patient outcomes. It plays a vital role in diagnosing medical conditions, planning surgeries, and inspecting industrial components. It can detect and visualize various issues, such as tumors, fractures, infections, and vascular diseases. It identifies diseases and abnormalities at an early stage that can significantly improve treatment outcomes and allow for timely interventions. It can generate three-dimensional (3D) images that enable healthcare professionals to visualize complex structures and plan procedures with precision. It does not require surgery or the insertion of instruments into the body, which makes it a safer and less painful option for patients as compared to some other diagnostic procedures. It allows for enhanced decision-making, especially crucial in emergency

situations. It provides valuable insights into the internal structures and tissues and benefits medical professionals in diagnosing a wide range of health conditions. As it assists in improving satisfaction among patients, the demand for CT is rising in South Korea.

SOUTH KOREA COMPUTED TOMOGRAPHY MARKET TRENDS:

At present, the increasing need for early and accurate diagnosis of diseases among individuals represents one of the primary factors impelling the growth of the market in South Korea. In line with this, the growing adoption of low-dose CT technology due to the rising focus on patient safety and comfort is offering a positive market outlook in the country. Moreover, the increasing utilization of CT scans for cancer diagnosis and monitoring is supporting the market growth. Apart from this, there is a rise in the demand for advanced medical equipment. This, coupled with stringent regulatory standards to ensure the safety and quality of CT equipment, is strengthening market growth. Besides this, advancements in CT technology, such as faster scanning, lower radiation doses, and improved image quality, are propelling the market growth in the country. Additionally, the increasing demand for diagnostic tools to address age-related health issues is offering lucrative growth opportunities to industry investors. Furthermore, the rising adoption of CTs on account of the increasing incidence of chronic diseases among individuals is contributing to the growth of the market in the country. In addition, the growing utilization of CT data in electronic health records (EHRs) to improve patient care and diagnostics is positively influencing the market.

SOUTH KOREA COMPUTED TOMOGRAPHY MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on type, application, and end user.

Type Insights:

Low Slice

Medium Slice

High Slice

The report has provided a detailed breakup and analysis of the market based on the type. This includes low slice, medium slice, and high slice.

Application Insights:

Oncology

Neurology

Cardiovascular

Musculoskeletal

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes oncology, neurology, cardiovascular, musculoskeletal, and others.

End User Insights:

Hospitals

Diagnostic Centers

Others

The report has provided a detailed breakup and analysis of the market based on the end user. This includes hospitals, diagnostic centers, and Others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea computed tomography market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea computed tomography market?

What is the breakup of the South Korea computed tomography market on the basis of type?

What is the breakup of the South Korea computed tomography market on the basis of application?

What is the breakup of the South Korea computed tomography market on the basis of end user?

What are the various stages in the value chain of the South Korea computed tomography market?

What are the key driving factors and challenges in the South Korea computed tomography?

What is the structure of the South Korea computed tomography market and who are the key players?

What is the degree of competition in the South Korea computed tomography market?

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