

Asia Pacific Helical CT Scanner Market Size and Forecast (2021 - 2031)

<https://marketpublishers.com/r/AF0FB0E62EC9EN.html>

Date: April 2026

Pages: 199

Price: US\$ 3,450.00 (Single User License)

ID: AF0FB0E62EC9EN

Abstracts

The Asia Pacific Helical CT Scanner Market is projected to grow significantly, reaching an estimated US\$ 299.7 million by 2031, up from US\$ 184.7 million in 2024. This growth represents a compound annual growth rate (CAGR) of 7.3% from 2025 to 2031.

Executive Summary and Market Analysis

The helical CT scanner market in the Asia Pacific encompasses countries such as Japan, China, India, South Korea, Australia, and other Southeast Asian nations, each with unique healthcare demands and varying levels of development. The increasing healthcare expenditure and infrastructure advancements in countries like China, India, and South Korea are facilitating the establishment of modern hospitals, particularly in tier-2 and tier-3 cities, which are now acquiring advanced diagnostic imaging technologies.

Demographic trends, particularly the aging population and the rising incidence of chronic diseases such as heart disease, cancer, and endocrine disorders, are driving the demand for precise and early diagnostic solutions. Furthermore, technological advancements in helical CT scanners, which now offer high slice capabilities, reduced radiation exposure, and enhanced image clarity through AI-powered evaluations, are expanding their clinical applications and improving diagnostic accuracy and workflow efficiency. Increased patient awareness regarding the importance of early disease detection is also contributing to market growth. Additionally, the rise of medical tourism is prompting hospitals and diagnostic centers to enhance their imaging quality and patient experience, further stimulating demand for high-quality diagnostic imaging solutions.

Strategic Insights

Market Segmentation Analysis

The Asia Pacific Helical CT Scanner Market can be segmented based on type, slice type, and end user:

By Type: The market is divided into Double-Layer and Multi-Layer segments, with the Multi-Layer segment leading the market in 2024.

By Slice Type: The market is categorized into 1-16 Slices, 17-64 Slices, 128-160 Slices, and >160 Slices, where the 17-64 Slices segment is the dominant segment as of 2024.

By End User: The market is segmented into Hospitals, Medical Centers, and Ambulatory Surgical Centers, with hospitals holding the largest market share in 2024.

Market Outlook

As the global population ages, the demand for advanced diagnostic imaging technologies is surging, particularly due to the increasing prevalence of age-related diseases. The World Health Organization (WHO) projects that the number of individuals aged 60 and above will rise from approximately 1.1 billion in 2023 to 1.4 billion by 2030, and further to 2.1 billion by 2050. The population aged 80 and older is expected to triple from 2020 to 2050, reaching 426 million, driven by longer life expectancies and declining birth rates.

Cardiovascular disease (CVD) remains the leading cause of death globally, accounting for 17.9 million fatalities annually. Among individuals aged 80 and above, a staggering 85.9% of males and 85.1% of females are affected by CVD. Helical CT scanners play a crucial role in coronary artery imaging and the detection of blockages, facilitating timely interventions such as angioplasty. For elderly patients presenting with chest pain, these scanners provide detailed 3D imaging, significantly reducing diagnostic time compared to traditional methods. Furthermore, helical CT is instrumental in the localization and staging of common cancers in seniors, including lung, colorectal, and prostate cancers. Low-dose helical CT screenings have been shown to reduce lung cancer mortality by 20% in high-risk populations over the age of 55. Additionally, helical CT angiography is

vital for the rapid identification of clots or hemorrhages, improving outcomes in critical cases.

The growing geriatric population drives innovation in helical CT technology, necessitating faster scanning capabilities to accommodate increased patient volumes. Overall, the expanding elderly demographic underscores the need for accessible and efficient imaging solutions to enhance quality of life and alleviate healthcare burdens.

Country Insights

The Asia Pacific Helical CT Scanner Market is further segmented by country, including Japan, China, Australia, India, South Korea, and the Rest of APAC, with China holding the largest market share in 2024.

China's aging population and the rising prevalence of chronic illnesses are significant factors driving demand for helical CT scanners. The proportion of individuals aged 60 and above in China is projected to increase from 12.4% (168 million) in 2010 to 28% (402 million) by 2040. This demographic shift correlates with a rise in chronic diseases, including cardiovascular conditions, diabetes, and arthritis, thereby increasing the need for advanced diagnostic imaging.

According to recent studies, approximately 290 million people in China suffer from various cardiac disorders, with CVD mortality rates continuing to rise. The demand for helical CT scanners is expected to grow sharply as these systems are well-suited to meet the diagnostic needs associated with this healthcare burden. In 2022, China reported around 4.8 million new cancer cases, with lung cancer being the most prevalent. Government initiatives, such as the Healthy China 2030 program, have expanded lung cancer screening using low-dose helical CT, leading to earlier detections and improved mortality rates in high-risk areas.

Company Profiles

Key players in the Asia Pacific Helical CT Scanner Market include Koninklijke Philips NV, Canon Inc, GE HealthCare Technologies Inc, Narang Medical Limited, Neusoft Medical Systems, FUJIFILM Holdings Corp, Siemens Healthineers AG, Shanghai United Imaging Healthcare Co., LTD, NeuroLogica Corp, and SinoVision Technology (Beijing) Co., Ltd. These companies are pursuing various strategies, including expansion, product innovation, and mergers and acquisitions, to enhance their market presence and deliver innovative solutions to consumers.

Contents

1. INTRODUCTION

- 1.1 Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Secondary Research
- 3.2 Primary Research
 - 3.2.1 Hypothesis formulation:
 - 3.2.2 Macroeconomic factor analysis:
 - 3.2.3 Developing base number:
 - 3.2.4 Data Triangulation:
 - 3.2.5 Country-level data:

4. HELICAL CT SCANNER MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 List of Vendors in the Value Chain

5. ASIA PACIFIC HELICAL CT SCANNER MARKET - KEY MARKET DYNAMICS

- 5.1 Market Drivers
- 5.2 Market Restraints
- 5.3 Market Opportunities
- 5.4 Future Trends
- 5.5 Impact of Drivers and Restraints:

6. HELICAL CT SCANNER MARKET - ASIA PACIFIC MARKET ANALYSIS

6.1 Asia Pacific Helical CT Scanner Market Revenue (US\$ Million), 2024 - 2031

6.2 Asia Pacific Helical CT Scanner Market Forecast and Analysis

7. ASIA PACIFIC HELICAL CT SCANNER MARKET REVENUE ANALYSIS - BY TYPE

7.1 Double-Layer

7.1.1 Overview

7.1.2 Double-Layer: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.2 Multi-Layer

7.2.1 Overview

7.2.2 Multi-Layer: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8. ASIA PACIFIC HELICAL CT SCANNER MARKET REVENUE ANALYSIS - BY SLICE TYPE

8.1 1-16 Slices

8.1.1 Overview

8.1.2 1-16 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.2 17-64 Slices

8.2.1 Overview

8.2.2 17-64 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.3 128-160 Slices

8.3.1 Overview

8.3.2 128-160 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.4 >160 Slices

8.4.1 Overview

8.4.2 >160 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9. ASIA PACIFIC HELICAL CT SCANNER MARKET REVENUE ANALYSIS - BY END USER

9.1 Hospitals

9.1.1 Overview

9.1.2 Hospitals: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9.2 Medical Center

9.2.1 Overview

9.2.2 Medical Center: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9.3 Ambulatory Surgical Centers

9.3.1 Overview

9.3.2 Ambulatory Surgical Centers: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10. ASIA PACIFIC HELICAL CT SCANNER MARKET - COUNTRY ANALYSIS

10.1 Asia Pacific

10.1.1 Asia Pacific Helical CT Scanner Market Revenue and Forecast and Analysis - by Country

10.1.1.1 Asia Pacific Helical CT Scanner Market Revenue and Forecast and Analysis - by Country

10.1.2.2 Japan: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.1.2.2.1 Japan: Asia Pacific Helical CT Scanner Market Share - by Type

10.1.2.2.2 Japan: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.1.2.2.3 Japan: Asia Pacific Helical CT Scanner Market Share - by End User

10.2.3.3 China: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.2.3.3.1 China: Asia Pacific Helical CT Scanner Market Share - by Type

10.2.3.3.2 China: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.2.3.3.3 China: Asia Pacific Helical CT Scanner Market Share - by End User

10.3.4.4 Australia: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.3.4.4.1 Australia: Asia Pacific Helical CT Scanner Market Share - by Type

10.3.4.4.2 Australia: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.3.4.4.3 Australia: Asia Pacific Helical CT Scanner Market Share - by End User

10.4.5.5 India: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.4.5.5.1 India: Asia Pacific Helical CT Scanner Market Share - by Type

10.4.5.5.2 India: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.4.5.5.3 India: Asia Pacific Helical CT Scanner Market Share - by End User

10.5.6.6 South Korea: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.5.6.6.1 South Korea: Asia Pacific Helical CT Scanner Market Share - by Type

10.5.6.6.2 South Korea: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.5.6.6.3 South Korea: Asia Pacific Helical CT Scanner Market Share - by End User

10.6.7.7 Rest of APAC: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.6.7.7.1 Rest of APAC: Asia Pacific Helical CT Scanner Market Share - by Type

10.6.7.7.2 Rest of APAC: Asia Pacific Helical CT Scanner Market Share - by Slice Type

10.6.7.7.3 Rest of APAC: Asia Pacific Helical CT Scanner Market Share - by End User

11 COMPETITIVE LANDSCAPE

11.1 Heat Map Analysis by Key Players

11.2 Company Positioning & Concentration

12 INDUSTRY LANDSCAPE

12.1 Overview

12.2 New Product Development

12.3 Merger and Acquisition

12.4 Other Strategic Developments

13 COMPANY PROFILES

13.1 Koninklijke Philips NV

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Canon Inc

13.2.1 Key Facts

13.2.2 Business Description

- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 GE HealthCare Technologies Inc
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 Narang Medical Limited.
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Neusoft Medical Systems
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 FUJIFILM Holdings Corp
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Siemens Healthineers AG
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments

13.8 Shanghai United Imaging Healthcare Co., LTD

13.8.1 Key Facts

13.8.2 Business Description

13.8.3 Products and Services

13.8.4 Financial Overview

13.8.5 SWOT Analysis

13.8.6 Key Developments

13.9 NeuroLogica Corp

13.9.1 Key Facts

13.9.2 Business Description

13.9.3 Products and Services

13.9.4 Financial Overview

13.9.5 SWOT Analysis

13.9.6 Key Developments

13.10 SinoVision Technology (Beijing) Co., Ltd.

13.10.1 Key Facts

13.10.2 Business Description

13.10.3 Products and Services

13.10.4 Financial Overview

13.10.5 SWOT Analysis

13.10.6 Key Developments

14. APPENDIX

14.1 About The Insight Partners

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Helical CT Scanner Market Segmentation

Table 2. List of Vendors

Table 3. Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Table 4. Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 5. Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 6. Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 7. Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Country

Table 8. Japan: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 9. Japan: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 10. Japan: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 11. China: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 12. China: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 13. China: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 14. Australia: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 15. Australia: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 16. Australia: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 17. India: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 18. India: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 19. India: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 20. South Korea: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 21. South Korea: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 22. South Korea: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 23. Rest of APAC: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 24. Rest of APAC: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Slice Type

Table 25. Rest of APAC: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 26. Heat Map Analysis by Key Players

List Of Figures

LIST OF FIGURES

- Figure 1. Asia Pacific Helical CT Scanner Market Segmentation - Country
- Figure 2. PEST Analysis
- Figure 3. Ecosystem: Helical CT Scanner Market
- Figure 4. Asia Pacific Helical CT Scanner Market - Key Market Dynamics
- Figure 5. Impact Analysis of Drivers and Restraints
- Figure 6. Asia Pacific Helical CT Scanner Market Revenue (US\$ Million), 2024 - 2031
- Figure 7. Asia Pacific Helical CT Scanner Market Share (%) - by Type, 2024 and 2031
- Figure 8. Double-Layer: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 9. Multi-Layer: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 10. Asia Pacific Helical CT Scanner Market Share (%) - by Slice Type, 2024 and 2031
- Figure 11. 1-16 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 12. 17-64 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 13. 128-160 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 14. >160 Slices: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 15. Asia Pacific Helical CT Scanner Market Share (%) - by End User, 2024 and 2031
- Figure 16. Hospitals: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 17. Medical Center: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 18. Ambulatory Surgical Centers: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 19. Asia Pacific Helical CT Scanner Market Breakdown by Key Countries, 2024 and 2031 (%)
- Figure 20. Japan: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)
- Figure 21. China: Asia Pacific Helical CT Scanner Market - Revenue and Forecast,

2021 - 2031 (US\$ Million)

Figure 22. Australia: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 23. India: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 24. South Korea: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 25. Rest of APAC: Asia Pacific Helical CT Scanner Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 26. Company Positioning & Concentration

I would like to order

Product name: Asia Pacific Helical CT Scanner Market Size and Forecast (2021 - 2031)

Product link: <https://marketpublishers.com/r/AF0FB0E62EC9EN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AF0FB0E62EC9EN.html>