CT Scanners

ANMD-MRS4-036 · Medical Devices & Diagnostics

A Global Sustainability Due Diligence & Market Research Study

History 2020–2024 · Base Year 2025 · Forecast 2025–2032 · Outlooks 2035 / 2040 / 2050 · Currency US$

WHY THIS REPORT

CT scanners deliver fast, detailed cross-sectional imaging for emergency, oncology and cardiac care, turning urgent clinical questions into rapid 3D answers. This decision-grade study sizes the global market three ways — value, units and installed base — across system type, slice technology and clinical application, across seven regions and four scenarios to 2032, with outlooks to 2050.

SUSTAINABILITY & SDG IMPACT — THE ANMD LENS

Sustainability is this report's backbone, not an afterthought. Beyond performance, CT scanners deliver measurable rapid diagnosis, low-dose imaging and advanced spectral capability, while wider imaging access strengthens the healthcare-equity story.

Mapped Sustainable Development Goals:

SDG 3	SDG 9	SDG 10
Good Health	Industry & Innovation	Reduced Inequalities

Measurable sustainability outcomes assessed:

- Rapid diagnosis and low-dose imaging
- Advanced spectral and photon-counting capability
- Broader diagnostic-imaging access
- Device energy, e-waste, equitable access and patient-data privacy as material risks

Framework alignment: Double materiality mapped to GRI, SASB, ISSB, TCFD, TNFD, CSRD and the EU Taxonomy, with greenwashing and SDG-washing screens applied throughout.

WHAT'S INSIDE AT A GLANCE

53 Chapters	**9** Report Parts	**7** Regions Covered	**40+** Country Markets
2025–32 Forecast Horizon	**4** Forward Scenarios	**25+** Companies Profiled	**3** SDGs Mapped

REPORT COVERAGE

Geographic scope: North America, Europe, Asia Pacific, Latin America, Africa, Middle East and Rest of World — with named country intelligence. North America is the value leader (United States, Canada) on adoption and reimbursement; Europe is the technology leader (Germany, France, United Kingdom) on device industry and MDR; Asia Pacific is the scale engine; other regions assessed on their own merits.

MARKET OVERVIEW

From established adoption to connected care — where imaging goes spectral, photon-counting and dose-efficient.

The CT scanners market is moving from established adoption to next-generation, connected care. Demand is driven by rising diagnostic-imaging burden and ageing converging with technology and access pressure, supported by strong momentum across North America, Europe and Asia Pacific. The market is read three ways — value, units and installed base — and forecast under four scenarios, each region reported separately.

- **North America is the value leader** — United States and Canada, on imaging density and reimbursement
- **Europe is the technology leader** — Germany, France and United Kingdom, on imaging industry and MDR
- **Asia Pacific is the scale engine** — China, Japan and India, on access expansion and ageing
- **Clinical outcomes are the differentiator** — faster diagnosis and access plus connected, AI-enabled imaging

REGIONAL OUTLOOK

Across seven reporting regions, the report separates early commercialisation leaders from high-growth and emerging markets — each profiled in full rather than aggregated into Rest of World.

Region	Stage	Lead Markets & Drivers
North America	Value leader	United States, Canada — adoption rates, reimbursement
Europe	Technology leader	Germany, France, United Kingdom — device industry, MDR
Asia Pacific	Scale engine	China, Japan, India — access expansion, ageing
Middle East	High-growth	Saudi Arabia, UAE — healthcare investment
Latin America	Emerging	Brazil, Mexico — healthcare expansion
Africa	Emerging	South Africa, Egypt — access, healthcare

KEY MARKET DRIVERS & RESTRAINTS

Drivers	Restraints
• Diagnostic-demand + care-access convergence • Patient-outcome & care-quality improvement • Policy & reimbursement support (FDA, CE-MDR, coverage) • Provider efficiency, throughput & cost economics • AI, spectral imaging, dose-efficiency & connectivity gains	• Capital cost & reimbursement uncertainty • Regulatory, clinical-evidence & approval burden • Workflow integration & technician training • Component, supply-chain & service-cost inflation • Data privacy, cybersecurity & liability barriers

SEGMENTATION SNAPSHOT

By System Type	Single / low-slice · multi-slice (64-128) · high-slice (256+) · dual-energy / spectral · photon-counting
By Technology	Conventional · dual-energy / spectral · photon-counting
By Application	Emergency & trauma · oncology & body · cardiology & neuro
By End User	Hospitals & health systems · imaging centers · clinics · ambulatory & specialty care
By Business Model	Capital purchase · managed-equipment service · pay-per-use · subscription / SaaS
By Scale	Single-site · network · national

TABLE OF CONTENTS — PARTS & CHAPTERS

The full report is organised into nine parts across 53 chapters, listed below. Detailed sub-headings, country tables and directories are provided in the full report.

Part V — Company, Competition, Patent and Project Intelligence

Part VI — Sustainability, ESG, SDG, Climate and Natural-Capital Intelligence

Part VII — Supply Chain, Policy, Legal, Economics and Finance

Part VIII — Scenario, Future Intelligence and Final Due Diligence Verdict

Part IX — Annexes, Directories and Reference Material

COMPETITIVE & INVESTMENT SNAPSHOT

The competitive field spans global medtech majors, specialist ct scanners makers, and emerging innovators. Deal activity — M&A, technology acquisition and platform expansion — signals a market consolidating around scalable, connected device ecosystems.

Representative players profiled in the full report:

GE HealthCare Technologies Inc. · Siemens Healthineers AG · Koninklijke Philips N.V. · Canon Medical Systems Corporation · Shanghai United Imaging Healthcare Co., Ltd. · and 20+ further profiled players across category majors, specialist makers and emerging innovators.

Investment intelligence: venture, infrastructure, development, climate and blended finance, green bonds and sustainability-linked loans — culminating in a bankability assessment and a Go / No-Go / Conditional-Go investment verdict.

KEY QUESTIONS THIS REPORT ANSWERS

- ? How large is the global ct scanners market, and how fast will it grow to 2032?
- ? Which regions, countries and segments offer the strongest risk-adjusted opportunity?
- ? How do clinical outcomes and access change value versus legacy devices?
- ? Who leads, and where is the competitive and patent white space?
- ? Is the investment case bankable — and under what conditions?
- ? How does the category align with the SDGs, healthcare-equity and disclosure regulation?

WHY ANMD — THE DIFFERENCE

Most market studies stop at units and revenue. This report is built as a sustainability due diligence instrument — fusing market sizing with ESG, SDG, climate, water and natural-capital intelligence and a decision-ready bankability verdict in a single architecture.

- **Triangulated sizing** — every market read three ways so value, volume and installed-base views reconcile rather than conflict.
- **Region-honest forecasting** — Latin America, Africa and the Middle East reported in full, never hidden inside Rest of World, every forecast resolved to the 2025 base year.
- **Integrated evidence base** — company, patent and project databases linked to the analysis, with published-filing patents and FTO treated as an indicator, not a legal conclusion.
- **No-fabrication discipline** — every estimate carries a data-confidence rating and disclosed sources; gaps are flagged for further diligence, never filled with invented numbers.
- **Anti-greenwashing rigour** — SDG-washing and greenwashing screens plus claim-substantiation checks built into the ESG and project analysis.
- **Decision-first structure** — 9 Parts and 53 Chapters culminating in stakeholder playbooks and a clear Go / No-Go / Conditional-Go investment verdict.

WHO SHOULD BUY THIS REPORT

Investors and healthcare / PE funds, medtech manufacturers and OEMs, hospitals and health systems, imaging centers and specialty clinics, clinical and procurement leaders, regulators and payers, and corporate strategy and ESG teams.

Access the Full Report

The complete report delivers all 53 chapters in full, with every sub-heading, country table, company and patent directory, forecast model and due diligence checklist.

Purchase at **www.anewmarketdynamics.com** · Standard & Premium licences · Single-Site (SSL) and Global-Site (GSL) options at checkout.

Want the Complete Detailed Table of Contents?

This prospectus lists the nine parts and 53 chapters. The complete detailed table of contents — every sub-heading, country table, exhibit, company and patent directory and annex — is available on request to registered users. To receive it, register with your official company email at **www.anewmarketdynamics.com**. The full detailed table of contents will be sent directly to your registered company email address.