

United Arab Emirates Diagnostic Imaging Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2026 - 2031)

Market Report | 2026-02-09 | 75 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

United Arab Emirates Diagnostic Imaging Equipment Market Analysis

The United Arab Emirates Diagnostic Imaging Equipment market is expected to grow from USD 167.41 million in 2025 to USD 177.54 million in 2026 and is forecast to reach USD 238.13 million by 2031 at 6.05% CAGR over 2026-2031. Growth is propelled by near-universal health-insurance coverage, robust federal funding under the "We The UAE 2031" vision, and the country's deliberate repositioning as a regional medical-tourism hub. Rising patient volumes in Dubai and Abu Dhabi have stimulated larger equipment fleets, while AI-enabled teleradiology networks improve radiologist productivity and enable 24/7 coverage. Hospital modernization, public-private partnerships, and the shift toward portable imaging further reinforce demand. Strategic constraints revolve around high capital outlays, fragmented multi-site purchasing, and new data-residency mandates that complicate cloud PACS rollouts.

United Arab Emirates Diagnostic Imaging Equipment Market Trends and Insights

Government Funding Under "We The UAE 2031" Strategic Health Pillar

Federal allocation of AED 5.51 billion in 2025 prioritizes diagnostic-imaging infrastructure for AI integration, virtual care, and centralized medical records. Collaborative projects such as the Department of Health Abu Dhabi-Microsoft partnership accelerate personalized diagnostics and workforce training. Continuous modernization drives recurring equipment upgrades across public and private hospitals, aligning with JCI accreditation goals. Sustained capital flow assures long-run demand for premium

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

modalities and vendor-managed service models. The policy also anchors the UAE diagnostic imaging equipment market as a pillar of the broader medical-tourism strategy.

Mandatory National Health Insurance Boosting Imaging Volumes

Achieving 98% coverage in Dubai eliminated financial barriers and catalyzed a surge in diagnostic utilization. Outpatient visits tripled between 2008 and 2017, and imaging volumes mirrored that escalation. Insurance now routinely reimburses advanced CT and MRI scans, shifting case-mix toward higher-value procedures. Providers can prescribe optimal diagnostic pathways without patient copay constraints, raising throughput across modality types. This coverage model stabilizes revenue and supports multi-year procurement cycles essential for the UAE diagnostic imaging equipment market.

High Capital & Lifecycle Cost of Advanced Modalities

Premium MRI units cost USD 1-3 million while high-slice CT scanners range from USD 500,000 to USD 2 million, stretching smaller providers' balance sheets. Ongoing expenses for shielding, software updates, and multi-year service add to total cost of ownership. Limited access to specialized medical-equipment financing elevates borrowing rates for stand-alone clinics. These factors delay purchase cycles and encourage refurbished-equipment imports that elongate fleet age. Vendor-financed service contracts are emerging but have yet to reach nationwide scale.

Other drivers and restraints analyzed in the detailed report include:

Growing Inbound Medical Tourism Flows (Dubai & Abu Dhabi) AI-Enabled Teleradiology Networks Easing Radiologist Shortage Limited Local Service Engineers ? Extended Downtime

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

X-ray systems accounted for 28.12% of the UAE diagnostic imaging equipment market share in 2025, underscoring their critical role in primary-care and trauma pathways. Their affordability and high throughput make them indispensable in emergency departments that serve both residents and medical tourists. The UAE diagnostic imaging equipment market size for computed tomography is projected to grow at an 8.44% CAGR through 2031 as cardiac, oncology, and stroke protocols adopt high-slice systems. MRI retains momentum in neurologic and musculoskeletal imaging, while ultrasound expands through point-of-care initiatives.

Radiation-dose optimization guidelines set by Abu Dhabi's regulator drive demand for next-generation CT platforms with iterative reconstruction. PET-CT and SPECT uptake aligns with oncology center expansions, though growth remains selective. Vendors integrating AI for automatic positioning and protocol selection enhance technologist efficiency. Continuous hardware-software upgrades position modality leaders to capture replacement demand as facilities race to meet international accreditation benchmarks.

Fixed installations held 82.76% of the UAE diagnostic imaging equipment market size in 2025 because large hospitals prioritize image quality, patient throughput, and advanced functionality. Yet mobile and handheld units are registering an 8.37% CAGR on the back of bedside care, event medicine, and remote-clinic rollouts. Portable devices reduce transport risks for critical-care patients and support disaster-response readiness, resonating with government preparedness goals.

AI-enabled handheld ultrasound offers immediate triage in ambulances and sports arenas, building new revenue streams for

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

vendors. Hospitality operators host pop-up clinics with portable X-ray to quickly screen tourists. The growing ecosystem of battery-powered detectors and cloud-synced viewers mitigates connectivity challenges. As reimbursement guidelines evolve, portability will command a larger slice of the UAE diagnostic imaging equipment market.

The UAE Diagnostic Imaging Equipment Market Report is Segmented by Modality (MRI, Computed Tomography, Ultrasound, X-Ray, Nuclear Imaging, Fluoroscopy & C-Arm, Mammography), Portability (Fixed Room-Based Systems, Mobile/Portable/Hand-held Systems), Application (Cardiology, Oncology, Neurology, and More), and End User (Hospitals, Diagnostic Imaging Centers, and More). The Market Forecasts are Provided in Terms of Value (USD).

List of Companies Covered in this Report:

GE Healthcare Siemens Healthineers Koninklijke Philips Canon FUJIFILM Hologic Esaote Agfa-Gevaert Samsung Group Mindray Bio-Medical Shimadzu Hitachi Healthcare Carestream Health United Imaging Healthcare Hyperfine Ziehm Imaging Planmed Butterfly Network

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

- 1 Introduction
 - 1.1 Study Assumptions & Market Definition
 - 1.2 Scope of the Study
- 2 Research Methodology
- 3 Executive Summary
- 4 Market Landscape
 - 4.1 Market Overview
 - 4.2 Market Drivers
 - 4.2.1 Government Funding Under "We The UAE 2031" Strategic-Health Pillar
 - 4.2.2 Mandatory National Health Insurance Boosting Imaging Volumes
 - 4.2.3 Growing Inbound Medical-Tourism Flows (Dubai & Abu-Dhabi)
 - 4.2.4 AI-Enabled Teleradiology Networks Easing Radiologist Shortage
 - 4.2.5 Expansion of Mobile/POC Imaging Suites In Hospitality & Events
 - 4.2.6 Long-Term Vendor-Managed Equipment Service Contracts (PPP)
 - 4.3 Market Restraints
 - 4.3.1 High Capital & Lifecycle Cost of Advanced Modalities
 - 4.3.2 Limited Local Service Engineers ? Extended Downtime
 - 4.3.3 Fragmented Procurement Slows Multi-Site Standardisation
 - 4.3.4 Cyber-Security & Data-Residency Barriers For Cloud PACS
 - 4.4 Supply-Chain Analysis
 - 4.5 Regulatory Landscape
 - 4.6 Technological Outlook
 - 4.7 Porter's Five Forces Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.7.1 Threat of New Entrants
- 4.7.2 Bargaining Power of Buyers
- 4.7.3 Bargaining Power of Suppliers
- 4.7.4 Threat of Substitutes
- 4.7.5 Competitive Rivalry

5 Market Size & Growth Forecasts (Value)

5.1 By Modality

- 5.1.1 MRI
- 5.1.2 Computed Tomography
- 5.1.3 Ultrasound
- 5.1.4 X-Ray (Digital, Analog)
- 5.1.5 Nuclear Imaging (PET, SPECT)
- 5.1.6 Fluoroscopy & C-arm
- 5.1.7 Mammography

5.2 By Portability

- 5.2.1 Fixed Room-based Systems
- 5.2.2 Mobile / Portable / Hand-held Systems

5.3 By Application

- 5.3.1 Cardiology
- 5.3.2 Oncology
- 5.3.3 Neurology
- 5.3.4 Orthopedics & Trauma
- 5.3.5 Gastroenterology & Hepatology
- 5.3.6 Women's Health (Ob/Gyn & Breast)
- 5.3.7 Urology
- 5.3.8 Other Clinical Areas

5.4 By End User

- 5.4.1 Hospitals
- 5.4.2 Diagnostic Imaging Centers
- 5.4.3 Specialty Clinics & Day-surgery Centers

6 Competitive Landscape

6.1 Market Concentration

6.2 Market Share Analysis

6.3 Company Profiles (includes Global level Overview, Market level overview, Core Segments, Financials as available, Strategic Information, Market Rank/Share for key companies, Products & Services, and Recent Developments)

- 6.3.1 GE HealthCare
- 6.3.2 Siemens Healthineers AG
- 6.3.3 Koninklijke Philips N.V.
- 6.3.4 Canon Medical System Corporation
- 6.3.5 Fujifilm Holdings Corporation
- 6.3.6 Hologic Inc.
- 6.3.7 Esaote SpA
- 6.3.8 Agfa-Gevaert
- 6.3.9 Samsung Medison
- 6.3.10 Mindray Bio-Medical

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.11 Shimadzu Corporation
- 6.3.12 Hitachi Healthcare
- 6.3.13 Carestream Health
- 6.3.14 United Imaging Healthcare
- 6.3.15 Hyperfine Inc.
- 6.3.16 Ziehm Imaging
- 6.3.17 Planmed Oy
- 6.3.18 Butterfly Network

7 Market Opportunities & Future Outlook

7.1 White-space & Unmet-need Assessment

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

United Arab Emirates Diagnostic Imaging Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2026 - 2031)

Market Report | 2026-02-09 | 75 pages | Mordor Intelligence

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-02-28
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com