

# **Middle East & Africa Medical Instrument Washing And Disinfection Market Size, Share & Trends Analysis Report By Product (Chemistries, Equipment), By Process Stage (Manual Cleaning, Pre-cleaning, Rinse/Drying), By End-use (Hospitals, Ambulatory Surgical Centers), By Country, And Segment Forecasts, 2025 - 2033**

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## **Abstracts**

### Summary

The Middle East & Africa medical instrument washing and disinfection market size was estimated at USD 513.92 million in 2024 and is projected to reach USD 988.01 million by 2033, growing at a CAGR of 7.28% from 2025 to 2033. The market is expanding due to a rise in surgical volumes, increasing prevalence of hospital-acquired infections, and stricter infection-prevention protocols across MEA healthcare systems.

Hospitals are investing in automated washer-disinfectors, endoscope reprocessors, and high-level disinfection systems to meet international accreditation standards. The rapid expansion of private hospitals, medical tourism, and the modernization of central sterile supply departments further fuel the adoption. Growing focus on workflow efficiency, staff safety, digital traceability, and compliance with regulatory guidelines is accelerating replacement demand and driving sustained market growth across the region.

Rising surgical and procedural volumes across the MEA are a core driver of the medical instrument washing and disinfection market growth. Higher utilization of reusable devices requires reliable, validated reprocessing capacity across hospitals and surgical centers. The Saudi Ministry of Health reported that more than 11,300 surgeries were

performed in a single week in 2024, reducing surgical waiting times from 53 days to 21 days and confirming sustained procedural growth. This trend increases the need for consistent pre-cleaning, automated disinfection, and standardized workflows.

Similarly, regulatory and compliance requirements across the region are shaping procurement priorities. National patient-safety and standardization programs, highlighted in the UAE MoHAP 2024 performance report, reinforce the shift toward automated and traceable systems. Additionally, the push for digital documentation strengthens the role of reprocessors with built-in connectivity. UAE MoHAP's deployment of AI dashboards and digital platforms in 2024 demonstrates how digital transformation influences medical reprocessing expectations.

Furthermore, the expansion of healthcare infrastructure under Saudi Vision 2030's Health Sector Transformation Program increases the number of facilities requiring structured reprocessing environments. Moreover, regional policy coordination through GCC health bodies promotes unified expectations for infection control, supporting broader adoption of validated systems. The availability of official activity data, such as the Saudi MOH Statistical Yearbook 2024, enables evidence-based procurement and encourages continuous investment in modern washing and disinfection technologies across the MEA.

## Middle East & Africa Medical Instrument Washing And Disinfection Market Report Segmentation

This report forecasts revenue growth at the regional and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East & Africa medical instrument washing & disinfection market report based on product, process stage, end-use, and country:

### Product Outlook (Revenue, USD Million, 2021 - 2033)

#### Chemistries

Enzymatic Cleaners

Detergents

HLD Chemicals

## Equipment

- Washer-disinfectors

- Ultrasonic Cleaners

- UV-C Disinfection Systems

- Other Non-chemical Disinfection Systems

## Process Stage Outlook (Revenue, USD Million, 2021 - 2033)

- Manual Cleaning

- Pre-cleaning

- Automated Disinfection

- UV-C Disinfection

- Thermal Disinfection

- Chemical Disinfection

- Rinse/Drying

## End-use Outlook (Revenue, USD Million, 2021 - 2033)

- Hospitals

- Ambulatory Surgical Centers

- Others

## Country Outlook (Revenue, USD Million, 2021 - 2033)

- MEA

South Africa

Saudi Arabia

UAE

Kuwait

Rest of MEA

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