

# Global Medical Supplies & Labware Market Value Expected to Reach USD 291.68 Billion by 2032 at a CAGR of 8.23%

A Comprehensive Analysis of Medical Supplies and Labware Market Dynamics, Key Players, and Future Trends.

AUSTIN, TEXAS, UNITED STATES,
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-- According to Research by SNS
Insider, The Medical Supplies and
Labware Market is expected to grow
from USD 143.48 billion in 2023 to USD
291.68 billion by 2032, at a CAGR of
8.23% during the forecast period 20242032.



The medical supplies and labware market is on a transformative journey, driven by advancements in healthcare, burgeoning research initiatives, and rising emphasis on sanitation and safety. The growth reflects a convergence of global healthcare needs with innovation-driven solutions, from disposable medical items to advanced diagnostic tools and cutting-edge laboratory equipment.

This results from the ever-expanding healthcare infrastructure and relentless progress in medical and laboratory technologies. The rise in chronic diseases, aging demographics, and focus on preventive care have all amplified the demand for essential medical supplies such as wound care products, infusion systems, and diagnostic disposables. All these products are crucial for hospitals and clinics to deliver high-quality care.

The biggest investments ever recorded in the biotech sector, constituting 79% of global biotech financing that year. Advanced technologies, such as automated pipetting systems and high-throughput screening devices, have been essential in speeding up the research process and ensuring greater precision in results. Moreover, critical medical components such as specialized disposables and culture media will be essential in cell growth and behavior studies, paving the way for personalized medicine and targeted therapy breakthroughs.

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Key Medical Supplies and Labware Market Players:

Fisher Scientific

**VWR International** 

3M Health Care

**Becton Dickinson and Company** 

Cardinal Health

Thermo Fisher Scientific

**Abbott Laboratories** 

Medtronic

Henry Schein

McKesson Corporation

Siemens Healthineers

**GE** Healthcare

Johnson & Johnson

**Danaher Corporation** 

PerkinElmer

Market Analysis: Addressing the Burden of Chronic Diseases

Chronic diseases such as diabetes, cancer, and cardiovascular conditions are driving demand for medical supplies and labware. The management of these conditions often involves frequent diagnostics, surgical interventions, and long-term monitoring, necessitating a steady supply of essential tools. For example, cancer diagnostics rely on specialized equipment for biopsies and molecular tests, while diabetes management demands tools like glucose meters and insulin syringes. The World Health Organization (WHO) forecasts a continuous rise in chronic disease prevalence, particularly in developing and developed economies, ensuring sustained growth for the market. Moreover, innovations in diagnostic technologies tailored for chronic disease management are expected to bolster demand across medical and research institutions further globally.

## Segment Analysis

## By Product

The Pipettes segment dominated the market in 2023 and accounted for 38% of the revenue share. Their critical role in accurate liquid handling across clinical diagnostics, biotechnology, and pharmaceutical research underscores their prominence. Innovations like Eppendorf's electronic pipettes cater to high-throughput screening needs, solidifying their appeal. Meanwhile, test tubes are expected to exhibit the fastest growth, driven by escalating demand for molecular diagnostics and research activities, particularly in personalized medicine and pandemic responses.

## By Material

Plasticware dominated the segment in 2023, contributing 43% to the market due to its cost-effectiveness, durability, and versatility in sterilized environments. Lightweight and resistant to breakage, plastic products such as centrifuge tubes and Petri dishes have become indispensable in research and healthcare. The disposable segment is set to grow rapidly, propelled by heightened concerns around infection control and regulatory mandates. Disposable gloves, needles, and masks, critical for patient and staff safety, are gaining traction in medical and laboratory settings worldwide.

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**Key Market Segments** 

By Type
Diagnostic Supplies
Infusion & Injectable Supplies
Intubation & Ventilation Supplies
Disinfectants
Personal Protective Equipment
Sterilization Consumables
Wound Care Consumables
Dialysis Consumables
Radiology Consumables
Catheters
Sleep Apnea Consumables
Others

By Product

**Pipettes** 

**Burettes** 

**Beakers** 

**Flasks** 

**Test Tubes** 

Others

By Material

**Plasticware** 

Glassware

Disposable

Others

By Application
Urology
Wound Care
Radiology
Respiratory
Infection Control
Cardiology
IVD
Other

By End-User Hospitals Clinics/Physician Offices Other

Regional Insights: Pioneers and Emerging Leaders

North America dominated the market in 2023 with over 35% of the market share, due to advanced healthcare infrastructure and huge R&D investments made this possible. This region boasts a comprehensive network of hospitals and regulation frameworks that facilitate innovation. Market leaders include Thermo Fisher Scientific and Medtronic, anchoring the market with comprehensive portfolios of medical devices and labware solutions.

Asia-Pacific is expected to grow with the fastest cagr, driven by economic progress, healthcare reforms, and increasing healthcare awareness. Countries like China and India are investing in healthcare infrastructure and research capabilities, fueling demand for sophisticated medical supplies. Multinational companies like Siemens Healthineers are establishing manufacturing and R&D hubs in the region, ensuring they meet the rising demands of these rapidly developing markets.

# Recent Developments in the Industry

- 1. Cardinal Health launched the Kendall SCD SmartFlow Compression System in September 2024, designed to enhance patient care by improving compression therapy. This innovation aligns with their commitment to delivering cutting-edge healthcare solutions.
- 2. Medline Industries introduced a new range of ultra-comfort surgical gloves in July 2024, offering improved tactile sensitivity and reducing hand fatigue during prolonged procedures. These gloves incorporate advanced grip technology to minimize contamination risks, catering to the evolving needs of healthcare professionals.

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