

# Global Vacuum-assisted Breast Biopsy(VAB)System Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Vacuum-assisted Breast Biopsy(VAB)System market size is expected to reach \$ 3132 million by 2032, rising at a market growth of 10.0% CAGR during the forecast period (2026-2032).

Vacuum-assisted breast biopsy (VAB) systems are minimally invasive, image-guided medical devices used to obtain multiple tissue samples from suspicious breast lesions through a single needle insertion by applying controlled vacuum suction. These systems are commonly integrated with ultrasound, stereotactic mammography, or MRI guidance and are widely used in hospitals, diagnostic imaging centers, and breast care clinics as alternatives to open surgical biopsy. From a value chain perspective, upstream activities include precision mechanical components, vacuum modules, imaging interfaces, disposable biopsy needles, and sterile packaging materials, midstream processes focus on system assembly, software integration, calibration, sterilization validation, and regulatory compliance, while downstream demand is driven by hospitals, diagnostic imaging centers, and specialized breast clinics. In 2025, the average selling price of VAB systems is approximately US\$19,500 per system, with global sales volume reaching around 82 thousand systems. The industry maintains a gross margin of 45%–65%, supported by proprietary device platforms, recurring disposable needle sales, clinical switching costs, and reimbursement-driven adoption of minimally invasive diagnostics.

The VAB market is expanding rapidly as minimally invasive breast diagnostics become standard practice. Rising breast cancer screening rates, improved imaging compatibility, and strong recurring revenue from disposable needles drive long-term growth. MRI-guided VAB and automated vacuum systems are expected to capture increasing market share through 2031. Industry analysis indicates that VAB systems are increasingly

positioned as standard diagnostic tools in breast lesion assessment rather than niche biopsy options. Growth is driven by early cancer screening programs, preference for minimally invasive procedures, and bundled device-plus-consumables business models, shifting competition toward procedural efficiency, imaging compatibility, and needle portfolio breadth.

This report studies the global Vacuum-assisted Breast Biopsy(VAB)System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vacuum-assisted Breast Biopsy(VAB)System and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Vacuum-assisted Breast Biopsy(VAB)System that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Vacuum-assisted Breast Biopsy(VAB)System total production and demand, 2021-2032, (K Units)

Global Vacuum-assisted Breast Biopsy(VAB)System total production value, 2021-2032, (USD Million)

Global Vacuum-assisted Breast Biopsy(VAB)System production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Vacuum-assisted Breast Biopsy(VAB)System consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Vacuum-assisted Breast Biopsy(VAB)System domestic production, consumption, key domestic manufacturers and share

Global Vacuum-assisted Breast Biopsy(VAB)System production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Vacuum-assisted Breast Biopsy(VAB)System production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Vacuum-assisted Breast Biopsy(VAB)System production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Vacuum-assisted Breast Biopsy(VAB)System market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hologic, BD,

B. Braun, Cook Medical, Devicor Medical Products, Mammotome, Suzhou Angiotech Medical, Shanghai Allmed Medical, Shenzhen Mindray Biomedical, Lepu Medical Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vacuum-assisted Breast Biopsy(VAB)System market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Vacuum-assisted Breast Biopsy(VAB)System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vacuum-assisted Breast Biopsy(VAB)System Market, Segmentation by Type:

Single Vacuum Type

Double Vacuum Type

Global Vacuum-assisted Breast Biopsy(VAB)System Market, Segmentation by Needle Type:

7G VAB Needle

9G Needle

10G / 11G Needle

Global Vacuum-assisted Breast Biopsy(VAB)System Market, Segmentation by Targeting Method:

Manual Targeting

Semi-automatic Targeting

Integrated Navigation System

Global Vacuum-assisted Breast Biopsy(VAB)System Market, Segmentation by Application:

Hospitals

Diagnostic Imaging Centers

Breast Specialty Clinics

Companies Profiled:

Hologic

BD

B. Braun

Cook Medical

Devicor Medical Products

Mammotome

Suzhou Angiotech Medical

Shanghai Allmed Medical

Shenzhen Mindray Biomedical

Lepu Medical Technology

**Key Questions Answered:**

1. How big is the global Vacuum-assisted Breast Biopsy(VAB)System market?
2. What is the demand of the global Vacuum-assisted Breast Biopsy(VAB)System market?
3. What is the year over year growth of the global Vacuum-assisted Breast Biopsy(VAB)System market?
4. What is the production and production value of the global Vacuum-assisted Breast Biopsy(VAB)System market?
5. Who are the key producers in the global Vacuum-assisted Breast Biopsy(VAB)System market?
6. What are the growth factors driving the market demand?

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