

Ophthalmic Knives Market Poised for Steady Growth Amid Rising Global Eye Surgeries

PORTLAND, OR, UNITED STATES, June 17, 2025 /EINPresswire.com/ -- The global [ophthalmic knives market](#), valued at \$385.70 million in 2023, is on track to reach \$565.88 million by 2032, growing at a CAGR of 4.3% from 2024 to 2032. This growth trajectory reflects a growing demand for precision surgical tools driven by the rising prevalence of eye disorders, particularly cataracts and vitreoretinal diseases. With over 65.2 million people affected by cataracts globally, according to the WHO, and around 28 million cataract surgeries performed worldwide in 2023 alone, ophthalmic knives are becoming increasingly essential in modern eye care.



What are Ophthalmic Knives?

Ophthalmic knives are high-precision surgical instruments used to perform intricate incisions in eye surgeries. Typically crafted from stainless steel or diamond, these knives allow for minimal tissue trauma and enhanced healing. Their ultra-sharp blades are designed to cut delicate eye structures like the cornea, retina, and lens capsule with utmost precision—making them critical for successful outcomes in procedures such as cataract, glaucoma, and vitreoretinal surgeries.

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Market Drivers

Growing prevalence of eye disorders such as cataracts, glaucoma, and keratosis.

Surging geriatric population globally, a demographic more prone to eye diseases.

Increased preference for minimally invasive surgeries that require precise cutting tools.

Government initiatives to reduce visual impairment, especially in developing countries.

Technological advancements in blade design, enhancing sharpness, flexibility, and safety.

Key Restraints

High cost of advanced ophthalmic knives, limiting accessibility in low-income regions.

Availability of alternative treatments like laser-based surgeries.

Stringent regulatory approvals that delay product launches and market entry.

Market Opportunities

Emerging economies like India and China investing heavily in healthcare infrastructure.

Surge in outpatient surgical procedures, increasing demand in ambulatory surgical centers.

Development of patient-specific and customized knives, improving clinical outcomes.

Reusable and disposable innovations, offering both economic and hygienic benefits.

Segmental Insights

By Design

Slit Knives dominated in 2023 due to ease of handling, blunt tip design, and wide surgical utility.

Straight Knives are forecasted to grow at the fastest CAGR of 5.3% due to superior sharpness and single-hand retraction features.

By Product

Reusable Ophthalmic Knives held the largest share in 2023 thanks to their long lifespan and high-grade materials.

Disposable Knives are gaining traction, expected to grow fastest due to reduced infection risks, affordability, and no need for maintenance.

By Application

Cataract Surgery remained the dominant application in 2023, driven by increasing surgical volumes.

Glaucoma Surgery is set to register the highest CAGR, fueled by rising awareness and growing global glaucoma burden.

By End User

Hospitals led in market share in 2023 due to advanced infrastructure and high surgical

volumes.

Others segment (including ASCs, eye clinics, and research institutions) will grow the fastest, thanks to the rise in outpatient procedures and innovative eye care solutions.

Regional Outlook

North America led the global market in 2023, owing to advanced healthcare infrastructure and high surgical adoption rates.

Asia-Pacific is expected to register the highest CAGR of 5.2% during the forecast period. This growth is spurred by rising healthcare investments, increasing cataract prevalence, and expansion of rural healthcare access.

Key Players

Major companies shaping the ophthalmic knives market include:

Amar Instruments

Bausch Health Companies Inc.

Core Surgical Ltd

Diamatrix Ltd.

Alcon, Inc.

Kanchan Eye Instruments

Mani, Inc.

Micromed International Pvt. Ltd.

Omni Lens Pvt Ltd.

Paramount Surgical Ltd.

These players are focusing on product innovation, strategic partnerships, and expansion in emerging markets to gain a competitive edge.

Conclusion

The ophthalmic knives market is witnessing sustained growth, propelled by rising surgical needs and evolving technologies. As the demand for precision and safety in eye surgeries continues to grow, ophthalmic knives will remain indispensable. Strategic investments in R&D, focus on

affordable single-use products, and geographic expansion into emerging regions will be crucial for market players aiming to capitalize on this upward trend.

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