

## Telepathology Slide Scanner Market Size, Share & Trends Analysis Report By Product

The Business Research Company's Telepathology Slide Scanner Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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What Is The Telepathology Slide Scanner Market Size And Growth?

The <u>market for telepathology slide scanners</u> has experienced rapid expansion in recent years. Its



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growth is set to continue, rising from \$1.31 billion in 2024 to \$1.50 billion in 2025 at a compound annual growth rate (CAGR) of 14.5%. This historical growth has been fueled by a surge in the need for remote diagnostic services, an increase in chronic disease cases, a growing scarcity of competent pathologists, a rise in global pathology partnerships, expanded telemedicine infrastructure, and heightened consciousness about the importance of early disease diagnosis.

Expectations are high for quick expansion in the

telepathology slide scanner market in the forthcoming years. The market is projected to hit the \$2.55 billion mark by 2029, with a compound annual growth rate (CAGR) of 14.1%. Factors like rising digitization measures in healthcare, increased investments in remote healthcare systems, escalating demand for effective disease screening, booming pathology outsourcing activities, growth of teleconsultation networks in hospitals, and an increased emphasis on available diagnostic tools are driving this growth during the forecast period. Key trends in this period include progress in the resolution of whole slide imaging, evolution in automated slide handling techniques, breakthroughs in artificial intelligence-powered image analysis, development in cloud-based pathology data management mechanisms, research and enhancements in digital pathology integration, and advancement in platforms for real-time telepathology viewing.

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What Are The Current Leading Growth Drivers For Telepathology Slide Scanner Market? The increased incidence of chronic illnesses is anticipated to stimulate the telepathology slide scanner market's evolution in the future. Chronic diseases—health conditions that typically progress slowly and require ongoing medical attention—are classified as long-term and include disorders such as cardiovascular disease, diabetes, cancer, and respiratory ailments. The main reason for their increasing prevalence is the aging population. As we age, biological aging results in cell damage, weakened immunity, and slower tissue repair, which makes the elderly more vulnerable to chronic health diseases. Telepathology slide scanners enable the speedy remote examination of tissue and biopsy specimens, helping in early identification and regular monitoring of chronic illnesses such as cancer. They increase diagnostic accuracy, shorten turnaround time, and facilitate expert collaboration for superior long-term care. For example, in April 2025, data from the Centers for Disease Control and Prevention (CDC), a US national public health agency, showed that 76.4% of US adults, roughly 194 million individuals, reported having one or more chronic conditions in 2023. This underscores the widespread and increasing load of chronic diseases among the population. Therefore, the increasing occurrence of chronic diseases is propelling the telepathology slide scanner market's growth.

Which Companies Are Currently Leading In The Telepathology Slide Scanner Market? Major players in the Telepathology Slide Scanner Global Market Report 2025 include:

- F. Hoffmann-La Roche AG
- Koninklijke Philips N.V.
- Keyence Corporation
- Carl Zeiss AG
- Hamamatsu Photonics K.K.
- Evident Scientific Inc.
- Leica Biosystems
- Motic Group Co. Ltd.
- DSS Imagetech Pvt. Ltd.
- OptraSCAN Inc.

What Are The Upcoming Trends Of Telepathology Slide Scanner Market In The Globe? Mainstream firms in the telepathology slide scanner industry are concentrating on the advancement of digital pathology tools such as high-speed slide scanners. These scanners streamline and hasten diagnostic procedures and enable smooth remote pathology examinations. High-speed slide scanners quickly generate high definition images of pathology slides, facilitating swift and precise analysis and supporting remote diagnostics, thereby enhancing workflow efficiency in clinical and research contexts. For example, Vieworks Co., Ltd., based in South Korea and specializing in digital imaging and bioimaging solutions, debuted the LUCEON 510, an advanced digital pathology slide scanner, at the European Congress of

Pathology (ECP) 2024 held in Italy in September 2024. The LUCEON 510, marking Vieworks' foray into digital pathology, employs a unique three-camera design able to concurrently capture three differently focused images and synchronize them in real time to generate detailed complete slide images. Its design focuses on efficiency, providing four distinct imaging modes fine-tuned for histopathology and cytology use, with the capability to handle up to 83 slides per hour and accommodate 510 slides per loading.

### How Is The <u>Telepathology Slide Scanner Market Segmented?</u>

The telepathology slide scannermarket covered in this report is segmented –

- 1) By Product Type: Brightfield Scanners, Fluorescence Scanners, Whole Slide Imaging Scanners, Other Product Types
- 2) By Technology: Digital Pathology, Virtual Microscopy, Other Technologies
- 3) By Application: Disease Diagnosis, Education, Research, Other Applications
- 4) By End-User: Hospitals, Diagnostic Laboratories, Academic And Research Institutes, Other End-Users

#### Subsegments:

- 1) By Brightfield Scanners: Automated Brightfield Scanners, Semi-Automated Brightfield Scanners, Manual Brightfield Scanners
- 2) By Fluorescence Scanners: Single-Channel Fluorescence Scanners, Multi-Channel Fluorescence Scanners, Confocal Fluorescence Scanners
- 3) By Whole Slide Imaging Scanners: High-Throughput Whole Slide Imaging Scanners, Medium-Throughput Whole Slide Imaging Scanners, Low-Throughput Whole Slide Imaging Scanners
- 4) By Other Product Types: Hybrid Scanners, Polarized Light Scanners, Infrared Scanners

View the full telepathology slide scanner market report:

https://www.thebusinessresearchcompany.com/report/telepathology-slide-scanner-global-market-report

Which Is The Dominating Region For The Telepathology Slide Scanner Market? In 2024, North America dominated the global telepathology slide scanner market, however, the most significant growth is anticipated from the Asia-Pacific region. The market report encompasses regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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