

US Whole Slide Imaging Scanner Market Size study, by Type (Brightfield, Fluorescence), By Application (Research Institute, Hospital), Forecasts 2022-2032

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Abstracts

US Whole Slide Imaging Scanner Market is valued approximately USD 125.58 million in 2023 and is anticipated to grow with a healthy growth rate of more than 14.81% over the forecast period 2024-2032. In the U.S. Whole Slide Imaging Scanner market, notable growth is propelled by emerging trends. There's a mounting demand for digital pathology solutions across U.S. healthcare institutions, driven by the need for enhanced diagnostic accuracy, operational efficiency, and remote collaboration capabilities. Concurrently, advancements in artificial intelligence and machine learning are revolutionizing the landscape, enabling automated analysis of digitized slides and thereby streamlining workflows and standardizing processes. Moreover, the COVID-19 pandemic has accelerated the adoption of digital pathology solutions, including Whole Slide Imaging Scanners, as healthcare systems prioritize remote diagnostics and telepathology services. With these trends driving industry evolution, the U.S. Whole Slide Imaging Scanner market is poised for further expansion and innovation to meet the evolving demands of the healthcare sector.

Technological advancements are one of the drivers in Whole Slide Imaging Scanner technology drives market growth in the U.S. Advanced features such as higher resolution imaging, faster scanning speeds, and improved image analysis capabilities enhance diagnostic accuracy and efficiency. Manufacturers invest in research and development to stay competitive, resulting in a steady stream of new and improved products that cater to the evolving needs of healthcare providers and researchers. Furthermore, increasing Demand for Digital Pathology Solutions: There is a growing demand for digital pathology solutions in the U.S. healthcare sector, fueled by the need for improved diagnostic capabilities, operational efficiency, and remote collaboration. Whole Slide Imaging Scanners play a key role in this shift towards digitization, allowing

for the seamless capture, storage, and analysis of pathology slides. As healthcare institutions strive to modernize their pathology workflows and adapt to changing healthcare trends, the demand for Whole Slide Imaging Scanners continues to rise, driving market growth in the U.S. However, high initial investment cost associated with implementing these scanners, on the other hand, will stifle market growth between 2022 and 2032.

Major market player included in this report are:

Biolmagene (acquired by Roche Diagnostics)
Aperio Technologies (acquired by Leica Biosystems)
Proscia
PathAI
Inspirata
OpraSCAN
Objective Pathology Services
Mikroscan Technologies
Flagship Biosciences
Digipath, Inc.

The detailed segments and sub-segment of the market are explained below:

By Type

Brightfield

Fluorescence

By Application

Research Institute

Hospital

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

Contents

CHAPTER 1. US WHOLE SLIDE IMAGING SCANNER MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. US Whole Slide Imaging Scanner Market Size & Forecast (2022- 2032)
- 2.2. Segmental Summary
 - 2.2.1. By Type
 - 2.2.2. By Application
- 2.3. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US WHOLE SLIDE IMAGING SCANNER MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges

3.3. Market Opportunities

CHAPTER 4. US WHOLE SLIDE IMAGING SCANNER MARKET: INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economic
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US WHOLE SLIDE IMAGING SCANNER MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Brightfield

5.2. Fluorescence

CHAPTER 6. US WHOLE SLIDE IMAGING SCANNER MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

6.1. Research Institute

6.2. Hospital

CHAPTER 7. COMPETITIVE INTELLIGENCE

- 7.1. Key Company SWOT Analysis
 - 7.1.1. Company
 - 7.1.2. Company
 - 7.1.3. Company
- 7.2. Top Market Strategies
- 7.3. Company Profiles
 - 7.3.1. Biomagene (acquired by Roche Diagnostics)
 - 7.3.1.1. Key Information
 - 7.3.1.2. Overview
 - 7.3.1.3. Financial (Subject to Data Availability)
 - 7.3.1.4. Product Summary
 - 7.3.1.5. Market Strategies
 - 7.3.2. Aperio Technologies (acquired by Leica Biosystems)
 - 7.3.3. Proscia
 - 7.3.4. PathAI
 - 7.3.5. Inspirata
 - 7.3.6. OptraSCAN
 - 7.3.7. Objective Pathology Services
 - 7.3.8. Mikroscan Technologies
 - 7.3.9. Flagship Biosciences
 - 7.3.10. Digipath, Inc.

CHAPTER 8. RESEARCH PROCESS

- 8.1. Research Process
 - 8.1.1. Data Mining
 - 8.1.2. Analysis
 - 8.1.3. Market Estimation
 - 8.1.4. Validation
 - 8.1.5. Publishing
- 8.2. Research Attributes

List Of Tables

LIST OF TABLES **TABLE 1. US WHOLE SLIDE IMAGING SCANNER MARKET, REPORT SCOPE**

TABLE 2. US Whole Slide Imaging Scanner market estimates & forecasts by Type 2022-2032 (USD Million)

TABLE 3. US Whole Slide Imaging Scanner market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 4. US Whole Slide Imaging Scanner market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 5. US Whole Slide Imaging Scanner market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. US Whole Slide Imaging Scanner market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. US Whole Slide Imaging Scanner market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. US Whole Slide Imaging Scanner market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. U.S. Whole Slide Imaging Scanner market estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. U.S. Whole Slide Imaging Scanner market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 11. U.S. Whole Slide Imaging Scanner market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 12. List of secondary sources, used in the study of US Whole Slide Imaging Scanner Market.

TABLE 13. List of primary sources, used in the study of US Whole Slide Imaging Scanner Market.

TABLE 14. Years considered for the study.

TABLE 15. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. US Whole Slide Imaging Scanner market, research methodology
- FIG 2. US Whole Slide Imaging Scanner market, market estimation techniques
- FIG 3. US market size estimates & forecast methods.
- FIG 4. US Whole Slide Imaging Scanner market, key trends 2023
- FIG 5. US Whole Slide Imaging Scanner market, growth prospects 2022-2032
- FIG 6. US Whole Slide Imaging Scanner market, porters 5 force model
- FIG 7. US Whole Slide Imaging Scanner market, pestel analysis
- FIG 8. US Whole Slide Imaging Scanner market, value chain analysis
- FIG 9. US Whole Slide Imaging Scanner market by segment, 2022 & 2032 (USD Million)
- FIG 10. US Whole Slide Imaging Scanner market by segment, 2022 & 2032 (USD Million)
- FIG 11. US Whole Slide Imaging Scanner market by segment, 2022 & 2032 (USD Million)
- FIG 12. US Whole Slide Imaging Scanner market by segment, 2022 & 2032 (USD Million)
- FIG 13. US Whole Slide Imaging Scanner market by segment, 2022 & 2032 (USD Million)
- FIG 14. US Whole Slide Imaging Scanner market, company market share analysis (2023)

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