

# Digital Laparoscopy Market to Reach \$4.27 Billion by 2029 with 8.4% CAGR

*The Business Research Company's Digital Laparoscopy Global Market Report 2025 - Market Size, Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, September 11, 2025

/EINPresswire.com/ -- Get 30% Off All

Global Market Reports With Code

ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors



The Business  
Research Company

The Business Research Company

What Is The Digital Laparoscopy Market Size And Growth?

[The size of the digital laparoscopy market](#) has seen significant growth lately. It's anticipated to rise from \$2.84 billion in 2024 to \$3.09 billion in 2025, demonstrating a compound annual growth rate (CAGR) of 8.7%. This growth during the historical period can be credited to the increased investment in surgical procedures, the rising consciousness about the benefits of quicker recovery, the increasing application of laparoscopy in bariatric practices, the development of tele laparoscopy platforms, and the growth of hospital infrastructure in emerging markets.

“

Get 30% Off All Global Market Reports With Code ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

”

*The Business Research  
Company*

Over the coming years, the digital laparoscopy market is forecasted to witness significant growth, reaching \$4.27

billion by 2029 with a CAGR of 8.4%. This growth prospect in the forecast period may be due to factors such as the surge in the implementation of AI-based surgical platforms, an increase in demand for outpatient surgical processes, the expansion of global minimally invasive surgical training programmes, heightened integration in surgical tools, and rising contributions to research and development in surgical robotics. The forecast period is also expected to see major trends such as enhancements in AI-supported surgical robotics, progress in 3D/4K/8K imaging systems, innovation in downsized laparoscopic instruments, further integration of AI into surgical platforms, and incorporation of augmented reality into surgical navigation.

Download a free sample of the digital laparoscopy market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=27277&type=smp>

What Are The Current Leading Growth Drivers For Digital Laparoscopy Market?

The growing preference for minimally invasive surgeries is anticipated to fuel [the expansion of the digital laparoscopy market](#) in the future. These surgeries, which involve small cuts and specialized equipment, are an alternative to traditional open surgery, leading to less discomfort, quicker healing, and reduced scarring. As they result in less tissue damage, minimally invasive procedures are gaining popularity due to their benefits such as speedy recovery, reduced pain, and shorter hospital stay. Digital laparoscopy complements these surgeries by offering accurate, real-time imaging and artificial intelligence-guided surgical assistance, ensuring increased precision, reduced complications, and quicker patient recuperation. Illustratively, the American Society of Plastic Surgeons (ASPS) reported in June 2024 that out of approximately 1.6 million cosmetic surgical procedures conducted in 2023, liposuction constituted 347,782 procedures, depicting a 7 percent increase from 2022. As such, the escalating demand for minimally invasive procedures is contributing to [the growth of the digital laparoscopy market](#).

Which Companies Are Currently Leading In The Digital Laparoscopy Market?

Major players in the Digital Laparoscopy Global Market Report 2025 include:

- Medtronic plc
- Fujifilm Holdings Corporation
- Stryker Corporation
- Boston Scientific Corporation
- Olympus Corporation
- Intuitive Surgical Operations Inc.
- Arthrex Inc.
- Teleflex Incorporated
- KARL STORZ SE & Co. KG
- Cook Medical

What Are The Key Trends And Market Opportunities In The Digital Laparoscopy Sector?

Leading firms in the digital laparoscopy market are concentrating on the advancement of innovative solutions like AI-enabled laparoscopic and robotic-assisted surgeries to augment surgical accuracy and boost patient results. These surgeries employ artificial intelligence to direct robot assisted tools, enhancing precision, management, and immediate decision-making process. For instance, Medtronic plc, a healthcare technology enterprise based in Ireland, debuted two significant developments in April 2024. Touch Surgery Live Stream is one of them, securely offering live broadcasts of laparoscopic and robotic-assisted surgeries to over 20 countries, promoting distance learning for surgical procedures and collaboration. Moreover, the enhanced Touch Surgery Performance Insights platform utilizes 14 AI-fueled algorithms for post-surgical video analysis, imparting vital insights concerning workflow, instrument utilization, and anatomy identification.

## How Is The Digital Laparoscopy Market Segmented?

The digital laparoscopy market covered in this report is segmented

- 1) By Product: Digital Laparoscopy Cameras, Digital Laparoscopy Instruments, Visualization Systems, Light Sources, Insufflators, Other Products
- 2) By Procedure Type: Diagnostic Laparoscopy, Therapeutic Laparoscopy, Minimally Invasive Laparoscopic Surgery
- 3) By Technology: Robotic Laparoscopy, Advanced Imaging Systems, Miniaturized Endoscopic Equipment, Augmented Reality (AR) And Virtual Reality (VR) Systems
- 4) By Application: Gynecological Surgery, Gastrointestinal Surgery, Urological Surgery, Bariatric Surgery, Oncological Surgery, Orthopedic Surgery
- 5) By End-User: Hospitals, Ambulatory Surgical Centers, Specialty Clinics, Research Institutions, Medical Device Manufacturers

### Subsegments:

- 1) By Digital Laparoscopy Cameras: High-Definition Cameras, Three-Dimensional Cameras, Single-Use Cameras, Wireless Cameras
- 2) By Digital Laparoscopy Instruments: Graspers, Scissors, Dissectors, Electrocautery Instruments, Suturing Devices
- 3) By Visualization Systems: Monitors, Recording Systems, Image Processing Units, Display Units
- 4) By Light Sources: Xenon Light Sources, Led Light Sources, Halogen Light Sources
- 5) By Insufflators: Carbon Dioxide Insufflators, Gas Insufflators
- 6) By Other Products: Camera Holders, Suction Irrigation Devices, Trocars, Cable Connectors

View the full digital laparoscopy market report:

<https://www.thebusinessresearchcompany.com/report/digital-laparoscopy-global-market-report>

## Which Is The Dominating Region For The Digital Laparoscopy Market?

In the Digital Laparoscopy Global Market Report 2025, North America dominated as the largest region in 2024. However, Asia-Pacific is predicted to exhibit the most rapid growth in the coming period. The report encompasses various regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the Global Digital Laparoscopy Market 2025, By The Business Research Company

Liquid Roofing Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/liquid-roofing-global-market-report>

Roof Insulation Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/roof-insulation-global-market-report>

## Roofing Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/roofing-global-market-report>

### Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: [saumyas@tbrc.info](mailto:saumyas@tbrc.info)

The Business Research Company - [www.thebusinessresearchcompany.com](http://www.thebusinessresearchcompany.com)

### Follow Us On:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

[info@tbrc.info](mailto:info@tbrc.info)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/847705127>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.