

Global Near-infrared Fluorescence (NIRF) Imaging Device Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G95B125FAA99EN.html>

Date: January 2024

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: G95B125FAA99EN

Abstracts

According to our (Global Info Research) latest study, the global Near-infrared Fluorescence (NIRF) Imaging Device market size was valued at USD 600.6 million in 2023 and is forecast to a readjusted size of USD 1195.6 million by 2030 with a CAGR of 10.3% during review period.

Near Infrared Imaging is mainly Near-infrared fluorescence (NIRF) imaging, an emerging clinical technology that requires administration of a fluorescence-imaging agent that can be excited at near-infrared (NIR) wavelengths (more than 760nm). Upon illuminating tissue surfaces with penetrating NIR light to excite the imaging agent within the tissues, the generated fluorescence is collected to form a image demarking the tissue deposition of the NIRF imaging agent. This technology has been widely used in various surgeries nowadays, such as Cardiovascular Surgery, Cancer Surgery, Gastrointestinal Surgery and Plastic and Reconstructive Surgery etc.

Global key players of near-infrared fluorescence (NIRF) imaging device include Stryker, Karl Storz, Olympus, Medtronic, Leica Microsystems, etc. The top five players hold a share over 55%. Asia-Pacific is the largest market of near-infrared fluorescence (NIRF) imaging device, with a share about 37%, followed by North America and Europe, both have a share about 55 percent.

The Global Info Research report includes an overview of the development of the Near-infrared Fluorescence (NIRF) Imaging Device industry chain, the market status of Cardiovascular Surgery (Open Surgery, Laparoscopic Surgery), Cancer Surgery (Open Surgery, Laparoscopic Surgery), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market

trends of Near-infrared Fluorescence (NIRF) Imaging Device.

Regionally, the report analyzes the Near-infrared Fluorescence (NIRF) Imaging Device markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Near-infrared Fluorescence (NIRF) Imaging Device market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Near-infrared Fluorescence (NIRF) Imaging Device market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Near-infrared Fluorescence (NIRF) Imaging Device industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Open Surgery, Laparoscopic Surgery).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Near-infrared Fluorescence (NIRF) Imaging Device market.

Regional Analysis: The report involves examining the Near-infrared Fluorescence (NIRF) Imaging Device market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Near-infrared Fluorescence (NIRF) Imaging Device market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Near-infrared Fluorescence (NIRF) Imaging Device:

Company Analysis: Report covers individual Near-infrared Fluorescence (NIRF) Imaging Device manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Near-infrared Fluorescence (NIRF) Imaging Device. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Cardiovascular Surgery, Cancer Surgery).

Technology Analysis: Report covers specific technologies relevant to Near-infrared Fluorescence (NIRF) Imaging Device. It assesses the current state, advancements, and potential future developments in Near-infrared Fluorescence (NIRF) Imaging Device areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Near-infrared Fluorescence (NIRF) Imaging Device market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Near-infrared Fluorescence (NIRF) Imaging Device market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Open Surgery

Laparoscopic Surgery

Market segment by Application

- Cardiovascular Surgery
- Cancer Surgery
- Gastrointestinal Surgery
- Plastic and Reconstructive Surgery
- Others

Major players covered

- Stryker
- Karl Storz
- Olympus
- Medtronic
- Leica Microsystems (Danaher)
- Shimadzu
- Hamamatsu
- Mizuho Medical
- Fluoptics
- Optomedic

Market segment by region, regional analysis covers

Global Near-infrared Fluorescence (NIRF) Imaging Device Market 2024 by Manufacturers, Regions, Type and Applic...

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Near-infrared Fluorescence (NIRF) Imaging Device product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Near-infrared Fluorescence (NIRF) Imaging Device, with price, sales, revenue and global market share of Near-infrared Fluorescence (NIRF) Imaging Device from 2019 to 2024.

Chapter 3, the Near-infrared Fluorescence (NIRF) Imaging Device competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Near-infrared Fluorescence (NIRF) Imaging Device breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Near-infrared Fluorescence (NIRF) Imaging Device market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Near-infrared Fluorescence (NIRF) Imaging Device.

Chapter 14 and 15, to describe Near-infrared Fluorescence (NIRF) Imaging Device sales channel, distributors, customers, research findings and conclusion.

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