

# Global Fluorescence Lifetime Imaging (FLIM) System Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Fluorescence Lifetime Imaging (FLIM) System market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Fluorescence Lifetime Imaging (FLIM) is an advanced imaging technique used to measure the fluorescence lifetime of fluorescent molecules in a sample. The fluorescence lifetime is the average time a molecule stays in its excited state before emitting a photon and returning to its ground state. FLIM provides spatial and temporal information about the fluorescence decay, offering valuable insights into the molecular environment, interactions, and biochemical processes.

This report is a detailed and comprehensive analysis for global Fluorescence Lifetime Imaging (FLIM) System market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Fluorescence Lifetime Imaging (FLIM) System market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Fluorescence Lifetime Imaging (FLIM) System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Fluorescence Lifetime Imaging (FLIM) System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Fluorescence Lifetime Imaging (FLIM) System market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Fluorescence Lifetime Imaging (FLIM) System
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Fluorescence Lifetime Imaging (FLIM) System market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Leica, Olympus, Becker & Hickl, PicoQuant, Bruker, Teledyne Princeton Instruments, HORIBA, Renishaw, Lambert, Nikon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Fluorescence Lifetime Imaging (FLIM) System market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting

qualified niche markets.

#### Market segment by Type

Time-domain FLIM

Frequency-domain FLIM

#### Market segment by Application

Biology

Academic Institutes

Chemical

Others

#### Major players covered

Leica

Olympus

Becker & Hickl

PicoQuant

Bruker

Teledyne Princeton Instruments

HORIBA

Renishaw

Lambert

Nikon

Zeiss

Jenlab

Market segment by region, regional analysis covers  
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 Fluorescence Lifetime Imaging (FLIM) System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fluorescence Lifetime Imaging (FLIM) System, with price, sales quantity, revenue, and global market share of Fluorescence Lifetime Imaging (FLIM) System from 2020 to 2025.

Chapter 3, the Fluorescence Lifetime Imaging (FLIM) System competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fluorescence Lifetime Imaging (FLIM) System breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Fluorescence Lifetime Imaging (FLIM) System market forecast, by regions,

by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Fluorescence Lifetime Imaging (FLIM) System.

Chapter 14 and 15, to describe Fluorescence Lifetime Imaging (FLIM) System sales channel, distributors, customers, research findings and conclusion.

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