

# Global Fluorescence Lifetime Imaging (FLIM) System Market Growth 2024-2030

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## Abstracts

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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.

The global Fluorescence Lifetime Imaging (FLIM) System market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Fluorescence Lifetime Imaging (FLIM) System Industry Forecast" looks at past sales and reviews total world Fluorescence Lifetime Imaging (FLIM) System sales in 2023, providing a comprehensive analysis by region and market sector of projected Fluorescence Lifetime Imaging (FLIM) System sales for 2024 through 2030. With Fluorescence Lifetime Imaging (FLIM) System sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Fluorescence Lifetime Imaging (FLIM) System industry.

This Insight Report provides a comprehensive analysis of the global Fluorescence Lifetime Imaging (FLIM) System landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with

a focus on Fluorescence Lifetime Imaging (FLIM) System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Fluorescence Lifetime Imaging (FLIM) System market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Fluorescence Lifetime Imaging (FLIM) System and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Fluorescence Lifetime Imaging (FLIM) System.

United States market for Fluorescence Lifetime Imaging (FLIM) System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Fluorescence Lifetime Imaging (FLIM) System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Fluorescence Lifetime Imaging (FLIM) System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Fluorescence Lifetime Imaging (FLIM) System players cover Leica, Olympus, Becker & Hickl, PicoQuant, Bruker, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Fluorescence Lifetime Imaging (FLIM) System market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Time-domain FLIM

## Frequency-domain FLIM

### Segmentation by Application:

Biology

Academic Institutes

Chemical

Others

### This report also splits the market by region:

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Leica

Olympus

Becker & Hickl

PicoQuant

Bruker

Teledyne Princeton Instruments

HORIBA

Renishaw

Lambert

Nikon

Zeiss

Jenlab

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Fluorescence Lifetime Imaging (FLIM) System market?

What factors are driving Fluorescence Lifetime Imaging (FLIM) System market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Fluorescence Lifetime Imaging (FLIM) System market opportunities vary by end market size?

How does Fluorescence Lifetime Imaging (FLIM) System break out by Type, by Application?

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