

# Leading Driver In The Infrared & Terahertz Spectroscopy Market 2025: Impact Of Rising Breast Cancer Cases On The Market

*The Business Research Company's  
Infrared And Terahertz Spectroscopy  
Global Market Report 2025 – Market Size,  
Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED  
KINGDOM, February 25, 2025  
/EINPresswire.com/ -- Updated 2025  
Market Reports Released: Trends,  
Forecasts to 2034 – Early Purchase  
Your Competitive Edge Today!

The logo for The Business Research Company, featuring the text "The Business Research Company" in a black, sans-serif font. To the right of the text is a stylized bar chart with three bars of varying heights, colored in shades of green and blue.

The Business  
Research Company

Infrared And Terahertz Spectroscopy Global Market  
Report 2025

The [Infrared And Terahertz Spectroscopy market](#) has experienced substantial growth in recent years, with the market size expanding from \$1.33 billion in 2024 to an expected \$1.44 billion in 2025. This trend represents a compound annual growth rate CAGR of 8.5%. Key factors contributing to this expansion include population increase, surges in government investments, heightened demand for airport security, and a broadened focus on food safety.

### Where Is The Infrared And Terahertz Spectroscopy Market Heading?

The enthusiasm surrounding the infrared and terahertz spectroscopy market is unlikely to subside, as projections indicate a robust growth trajectory for the coming years. Experts predict the market size will flourish, reaching \$1.97 billion in 2029, a growth showing a compound annual growth rate CAGR of 8.1%. This anticipated expansion is primarily attributed to increased government funding for scientific research, heightened use in cultural heritage preservation, increasing demand for spectroscopy in cosmetics, growing popularity of portable and handheld spectrometers, and rising demand for spectroscopy in biotechnology. Major trends expected to shape the market landscape include technological advancements, AI and machine learning integration, IoT pairing, and the emergence of hybrid spectroscopy systems.

Get Your Free Sample Market Report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=20848&type=smp>

What Are The Primary Growth Drivers Of The Infrared And Terahertz Spectroscopy Market?

Breast cancer, a malignant condition that initiates in the cells of the breast, is expected to be a significant market influencer. The increasing prevalence of this cancer can be attributed to an aging population, genetic predisposition, hormonal influences, unhealthy lifestyles, environmental exposures, and improved detection methods. Infrared and terahertz spectroscopy play a vital role in breast cancer early detection and tumor monitoring, thus, the rising breast cancer cases underpin the market's growth. Case in point, the US-based National Center for Biotechnology Information projected, in September 2022, a 40% rise in diagnosed breast cancer cases by 2040, reaching approximately 3 million. Therefore, the expanding incidence of breast cancer is anticipated to thrust the infrared and terahertz spectroscopy market forward.

Order Your Report Now For A Swift Delivery:

<https://www.thebusinessresearchcompany.com/report/infrared-and-terahertz-spectroscopy-global-market-report>

Who Are The Major Players In The Infrared And Terahertz Spectroscopy Market?

Key industry players in the market include Hamamatsu Photonics K.K., Thermo Fisher Scientific Inc., Boston Electronics Corporation, Agilent Technologies Inc., Advantest Corporation, PerkinElmer Holdings Inc., Shimadzu Corporation, Bruker Corporation, Horiba Ltd., HÜBNER GmbH & Co. KG, Novanta Inc., TOPTICA Photonics AG, Luna Innovations Inc., JASCO Corporation, Menlo Systems GmbH, TeraView Limited, Spectra Quest Lab Inc., TERASENSE GROUP INC., QMC Instruments Ltd., Applied Research & Photonics Inc., Zomega Terahertz Corporation, Blue Sky Spectroscopy Inc., and Science Tech Inc. These industry stalwarts are making substantial strides in core and emerging segments of the market.

What Key Trends Are Shaping The Infrared And Terahertz Spectroscopy Market?

In the bid to meet growing demand for accurate, reliable, and cost-effective analytical solutions across various sectors including pharmaceuticals, environmental monitoring, material science, and food quality control, these major industry players are focusing on developing innovative high-performance benchtop FTIR Fourier Transform Infrared instruments. For instance, in March 2023, Edinburgh Instruments, a Scotland-based manufacturer of molecular spectroscopy products, launched the IR5 FTIR Spectrometer, a user-friendly instrument equipped with modern software facilitating all aspects of the experimental process.

How Is The [Infrared And Terahertz Spectroscopy Market Segmented](#)?

- By Type: Near-Infrared Radiation, Mid-Infrared Radiation, Far-Infrared Radiation
- By Technology: Benchtop, Microscopy, Portable, And Handheld, Hyphenated
- By Application: Semiconductors, Homeland Security, Non-Destructive Testing, Research And Development Biomedical
- By End User: Pharmaceuticals And Biotechnology, Industrial Chemistry, Food And Beverage Testing, Environmental Testing, Other End-Users

Which Region Dominates The Infrared And Terahertz Spectroscopy Market?

Asia-Pacific was the largest region in the infrared and terahertz spectroscopy market in 2024. In addition to Asia-Pacific, the report also scrutinizes other regions including Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Similar Reports By [The Business Research Company](#):

Ultraviolet-Visible Spectroscopy Global Market Report 2025

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

Process Spectroscopy Global Market Report 2025

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

Atomic Spectroscopy Global Market Report 2025

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

About The Business Research Company

Learn More About The Business Research Company. Boasting 15000+ reports from 27 industries covering 60+ geographies, The Business Research Company has earned a reputation for providing comprehensive, data-rich research and insights. With 1,500,000 datasets, in-depth secondary research, and unique insights from industry leaders at its disposal, it guarantees to offer the information you need to maintain a competitive edge.

Contact us at:

The Business Research Company: link <https://www.thebusinessresearchcompany.com/>

Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email us at [info@tbrc.info](mailto:info@tbrc.info)

Follow us on:

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

YouTube [https://www.youtube.com/channel/UC24\\_f10rV8cR5DxICpgmyFQ](https://www.youtube.com/channel/UC24_f10rV8cR5DxICpgmyFQ)

Global Market Model <https://www.thebusinessresearchcompany.com/global-market-model>

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

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

Visit us on social media:

[Facebook](#)

X

LinkedIn

---

This press release can be viewed online at: <https://www.einpresswire.com/article/788920201>

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.