

Contrast Injection Lines Market Forecasted to Achieve US \$5.11 Billion by 2029

*The Business Research Company's
Contrast Injection Lines Global Market
Report 2025 - Market Size, Trends, And
Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, October 10, 2025

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How Big Is The Contrast Injection Lines Market In 2025?

Over the past few years, [the market size for contrast injection lines](#) has significantly increased.

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The projection is for the market to expand from \$3.66 billion in 2024 to \$3.93 billion in 2025, with a compound annual growth rate (CAGR) of 7.2%. This historical growth can be traced back to several factors including a growing preference for minimally invasive medical procedures, an increase in early disease detection and screening awareness, a growing need for accurate and real-time imaging in surgical planning, a rise in the demand for contrast media for neurological and cardiovascular imaging, and augmenting governmental support and reimbursement for diagnostic procedures.

In the upcoming years, [the market size of contrast injection lines](#) is predicted to experience substantial growth, escalating to a value of \$5.12 billion in 2029 with a compound annual growth rate (CAGR) of 6.8%. The surge in this forecast period could be due to an increase in the demand triggered by the growing occurrence of chronic ailments, enhanced investments in healthcare facilities, a rise in radiology centres and diagnostic clinics, plus an ageing population. The forecast period will witness significant trends, such as state-of-the-art enhancements in high-pressure contrast injection systems, progressions in injector technology, coordination with imaging systems, the creation of high-pressure lines, and the advent of intelligent contrast delivery systems.

Download a free sample of the contrast injection lines market report:

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What Are The Key Driving Factors For The Growth Of The Contrast Injection Lines Market?

The rise in imaging procedures is anticipated to drive [the expansion of the contrast injection lines market](#). These imaging procedures, which involve visually replicating the body's internal portions, are a crucial part of diagnosing, treating, and monitoring various health ailments. These procedures have seen a surge due to a growing occurrence of chronic diseases that require thorough and regular internal checks for effective diagnosis and treatment. Contrast injection lines play a crucial role in such procedures by offering accurate and regulated delivery of contrast agents, which amplify the visibility of tissues, blood vessels, and irregularities. Additionally, they enhance the precision of diagnoses and the efficiency of workflows, diminish manual interference, and ensure the safe and contamination-free delivery of agents during scans. For instance, in May 2023, the UK's National Health Service reported an increase in the reference of brain magnetic resonance imaging (MRI) activities by general practitioners, from 8,695 in January 2022 to 8,745 in January 2023. Thus, the rising frequency of imaging procedures is a driving factor for the growth of the contrast injection lines market.

Who Are The Key Players In The Contrast Injection Lines Industry?

Major players in the Contrast Injection Lines Global Market Report 2025 include:

- Bayer AG
- GE Healthcare Technologies Inc.
- Bracco Imaging S.p.A.
- Merit Medical Systems Inc.
- Guerbet Group
- B. Braun SE
- ACIST Medical Systems Inc.
- Ulrich medical
- Sino Medical-Device Technology Co. Ltd.
- VIVID Imaging Pvt. Ltd.

What Are The Prominent Trends In The Contrast Injection Lines Market?

Leading firms in the contrast injection lines market are prioritizing the development of cutting-edge products like the magnetic resonance imaging contrast media injectors. These innovative products are aimed at improving the accuracy of imaging and enhancing the efficiency of workflows in diagnostic procedures. In simple terms, a magnetic resonance imaging contrast media injector is a dedicated medical device that automatically and accurately delivers contrast agents into a patient's bloodstream during MRI procedures. This raises the clarity of images of tissues, blood vessels, and abnormalities. As an example, in May 2025, the US-based radiology firm, Bracco Diagnostics Inc., introduced a Max 3 syringeless injector system to improve contrast media delivery during imaging procedures. This contributes to faster MRI procedures by allowing

direct injection from contrast media vials without using syringes, facilitating quicker patient transitions and reducing wastage. The system is capable of operating wirelessly in magnetic resonance imaging (MRI) rooms up to 50 mT magnetic fields, ensuring flexibility in positioning. It also offers safer and contamination-free connections with its Easy-Click Cassette and SafeConnect technology. Additionally, this system enhances workflow efficiency, patient safety, and environmental sustainability in MRI contrast administration.

What Segments Are Covered In The Contrast Injection Lines Market Report?

The contrast injection lines market covered in this report is segmented as

- 1) By Type: High Pressure Contrast Injection Line, Low Pressure Contrast Injection Line
- 2) By Product Type: Non-Ionic Contrast Media, Ionic Contrast Media, Barium-Based Contrast Agents, Gadolinium-Based Contrast Agents
- 3) By Route Of Administration: Intravenous Injection, Intra-Arterial Injection, Oral Administration, Intrathecal Injection
- 4) By Application: Magnetic Resonance Imaging Examination, X-Ray Examination, Computed Tomography (CT) Examination, Angiography, Other Applications
- 5) By End-User: Hospitals, Diagnostic Imaging Centers, Specialty Clinics, Research Institutions

Subsegments:

- 1) By High Pressure Contrast Injection: Angiographic High Pressure Lines, Disposable High Pressure Lines, Dual Chamber High Pressure Lines
- 2) By Low Pressure Contrast Injection Line: Manual Injection Lines, Reusable Low Pressure Lines, Syringe Based Low Pressure Lines

View the full contrast injection lines market report:

<https://www.thebusinessresearchcompany.com/report/contrast-injection-lines-global-market-report>

Which Region Is Expected To Lead The Contrast Injection Lines Market By 2025?

In the 2025 Contrast Injection Lines Global Market Report, North America emerged as the dominant region. It is anticipated that Asia-Pacific will experience the most rapid growth within the forecast period. The report encompasses regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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