

Magnetic Resonance Imaging (MRI) Systems Market Report by Architecture (Closed System, Open System), Field Strength (Low Field Strength, Mid Field Strength, High Field Strength), Application (Oncology, Neurology, Cardiology, Gastroenterology, Musculoskeletal, and Others), End Use (Hospitals, Imaging Centers, Ambulatory Surgical Centers, and Others), Technology (MR Angiogram, MR Venogram, Functional MRI, MR Spectroscopy, and Others), and Region 2024-2032

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Abstracts

The global magnetic resonance imaging (MRI) systems market size reached US\$ 7.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 11.0 Billion by 2032, exhibiting a growth rate (CAGR) of 3.8% during 2024-2032.

Magnetic Resonance Imaging (MRI) refers to a non-invasive imaging technique, which is used to produce three dimensional (3D) images of organs and soft tissues inside the human body. An MRI machine consists of an adjustable bed and a large tube surrounded by a circular magnet through which the machine applies a magnetic field and radio waves on the patient's body. It produces detailed images and facilitates diagnosis of abnormalities in the brain, bones, breasts, heart, internal organs and spine. The MRI is usually combined with positron emission tomography (PET) and computed tomography (CT) scans to assist the doctors in examining joints, ligaments, cartilage, muscles and tendons, which is useful for detecting various muscular and bone injuries.

Magnetic Resonance Imaging Systems Market Trends:

The increasing prevalence of chronic diseases, along with the rising adoption of diagnostic services across the globe, is one of the key factors driving the growth of the market. MRI enables the early detection of orthopedic, cardiovascular and other conditions, which substantially increases the success rates of the treatment. This has consequently favored the adoption of MRI procedures across the globe. Furthermore, the growing geriatric population, which is more susceptible to such medical conditions, is also contributing to their increased adoption. Various technological advancements in the imaging equipment, such as software upgrades and utilization of super-conducting magnets compatible with cardiac pacemakers, are favoring the market growth. Moreover, innovations such as the introduction of 3D and 4D imaging equipped with accelerated processing speed and automated workflow, coupled with government initiatives to make quality healthcare facilities accessible to all, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global magnetic resonance imaging (MRI) systems market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on architecture, field strength, application, end use and technology.

Breakup by Architecture:

- Closed System
- Open System

Breakup by Field Strength:

- Low Field Strength
- Mid Field Strength
- High Field Strength

Breakup by Application:

- Oncology
- Neurology
- Cardiology
- Gastroenterology
- Musculoskeletal

Others

Breakup by End Use:

Hospitals

Imaging Centers

Ambulatory Surgical Centers

Others

Breakup by Technology:

MR Angiogram

MR Venogram

Functional MRI

MR Spectroscopy

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Aspect Imaging, Aurora Imaging Technology, Bruker, Canon Medical Systems, Esaote S.P.A, Fonar Corporation, GE Healthcare, Hitachi, Koninklijke Philips NV, Neusoft Medical Systems, Shenzhen Mindray Bio-Medical Electronics Co., Ltd. and Siemens Healthineers.

Key Questions Answered in This Report

1. How big is the global Magnetic Resonance Imaging (MRI) systems market?
2. What is the expected growth rate of the global Magnetic Resonance Imaging (MRI) systems market during 2024-2032?
3. What are the key factors driving the global Magnetic Resonance Imaging (MRI) systems market?
4. What has been the impact of COVID-19 on the global Magnetic Resonance Imaging (MRI) systems market?
5. What is the breakup of the global Magnetic Resonance Imaging (MRI) systems market based on the architecture?
6. What is the breakup of the global Magnetic Resonance Imaging (MRI) systems market based on the field strength?
7. What is the breakup of the global Magnetic Resonance Imaging (MRI) systems market based on the application?
8. What is the breakup of the global Magnetic Resonance Imaging (MRI) systems market based on the end use?
9. What are the key regions in the global Magnetic Resonance Imaging (MRI) systems market?
10. Who are the key players/companies in the global Magnetic Resonance Imaging (MRI) systems market?

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