

Radon Gas Testing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Product Type (Active, Passive), By Application (Schools, Hospitals, and Houses), By Region, By Competition, 2020-2030F

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Abstracts

Market Overview

The Global Radon Gas Testing Market was valued at USD 110.34 Million in 2024 and is projected to reach USD 156.86 Million by 2030, growing at a CAGR of 5.88%. This market encompasses the global development, production, and deployment of equipment and services designed to detect, measure, and monitor radon gas levels in various building types, including residential, commercial, and industrial properties. Radon is a naturally occurring radioactive gas that enters buildings through cracks and openings in the foundation, posing a serious health risk due to its established link to lung cancer. The market includes an array of offerings such as short-term and long-term test kits, continuous radon monitors, digital detectors, and professional inspection and mitigation services. Demand is rising due to increasing public awareness, tightening indoor air quality regulations, and greater emphasis from governments on health safety and environmental monitoring. As a result, radon testing is gaining prominence not only in high-risk regions but also in broader preventive safety strategies globally.

Key Market Drivers

Increasing Health Awareness and Regulatory Pressure on Indoor Air Quality Standards

Heightened awareness of radon exposure as a public health threat is a key factor driving demand in the radon gas testing market. Recognized as a leading cause of lung

cancer among non-smokers by health organizations including the WHO, radon exposure is now a serious concern for homeowners, real estate developers, and commercial building managers. This rising concern is further reinforced by public health campaigns and educational efforts promoted by governments and environmental bodies. In addition, evolving building codes and regulatory mandates across regions such as North America, Europe, and parts of Asia-Pacific are requiring radon testing in homes, workplaces, schools, and healthcare facilities—especially in high-risk areas. In some U.S. states and Canadian provinces, radon disclosure is mandated during real estate transactions, while European nations are increasingly embedding radon protocols in construction standards. Green building certifications like LEED and WELL also incentivize testing, contributing to wider integration of radon testing into standard environmental and health safety assessments.

Key Market Challenges

Low Public Awareness and Limited Regulatory Enforcement

A major obstacle for the radon gas testing market is the ongoing lack of public awareness and inconsistent enforcement of regulatory guidelines. Despite the well-documented health risks associated with radon exposure, awareness remains low among homeowners, tenants, and even construction professionals, especially in developing regions. This knowledge gap results in limited prioritization of radon testing during home purchases, renovations, or occupancy assessments. Even where regulations exist, enforcement tends to be fragmented or weak, limiting their effectiveness. In many areas, there is no federal radon policy or infrastructure to support large-scale monitoring, creating little motivation for property owners or developers to pursue testing or mitigation. This situation is further exacerbated by confusion over acceptable radon thresholds and mitigation approaches, which reduces consumer confidence and slows market adoption. Consequently, market growth is often confined to areas with strong government programs or high-risk zones, hindering broader international expansion.

Key Market Trends

Growing Regulatory Support and Public Health Campaigns Fueling Market Expansion

The radon gas testing market is being shaped by growing regulatory mandates and widespread public health advocacy that promote proactive radon detection and mitigation. Governments across North America, Europe, and the Asia-Pacific are

increasingly adopting and enforcing stricter regulations that require routine radon testing in sensitive environments such as schools, hospitals, and residential structures. In parallel, sustained educational campaigns are raising awareness about the health dangers of long-term radon exposure, encouraging voluntary testing even outside high-risk zones. This has led to rising adoption of both short-term and long-term monitoring devices, ranging from DIY kits to advanced digital and continuous radon detectors. These trends are enabling a broader, more consistent demand for radon testing technologies, especially in regions with emerging environmental health regulations and growing interest in air quality as a factor in sustainable and safe building practices.

Key Market Players

Air Chek, Inc.

Airthings ASA

Radonova Laboratories AB

SunRADON LLC

Professional Laboratories, Inc.

Radon Specialist Services, Inc.

Family Safety Products, Inc.

Ducon Technologies Limited

Resideo Technologies, Inc.

RAdata, Inc.

Report Scope:

In this report, the Global Radon Gas Testing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed

below:

Radon Gas Testing Market, By Product Type:

Active

Passive

Radon Gas Testing Market, By Application:

Schools

Hospitals

Houses

Radon Gas Testing Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Radon Gas Testing Market.

Available Customizations:

Global Radon Gas Testing Market report with the given Market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional Market players (up to five).

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