
Radiation Detection, Monitoring & Safety Market



Research and Markets has announced the release of the "Radiation Detection, Monitoring & Safety Market (Geiger Counter, Ionization Chamber, Scintillator, Terahertz detector, Dosimeter, Environment Monitor, Shield, Lead Apron, Eyewear & Glove) - Competitive Analysis & Global Forecasts to 2017" report.

The global radiation protection (detection, monitoring, and safety) market was valued at \$920.0 million in 2012, and is expected to reach \$1,231.2 million by 2017 at a CAGR of 6.0% from 2012 to 2017. The industries covered in the report are healthcare, manufacturing, defence, nuclear power plants, homeland security, and others (waste management, mining, agriculture, and food irradiation).

The medical industry was the largest segment in this market; it is poised to grow at a CAGR of 6.0% to reach \$702.4 million by 2017. The global radiation protection market for medical applications will witness challenging and dynamic market conditions over the years to come, primarily driven by technological advancements and globalisation.

The high procedural volume of nuclear medicine and radiation therapy in the treatment and diagnosis of diseases is the key factor driving the growth of the radiation protection market for medical applications. In addition, increasing incidence of cancer cases, growing awareness among radiation professionals, and technological advancements are driving the growth of this market. The market for certain radiation detection and monitoring devices, such as ionisation chambers, has grown due to the evolution of portable hand-held ionisation detectors in recent years.

Factors hindering the growth of this market are lack of proper standardisation and calibration for radiation protection devices, lack of adequate skills and training among radiation professionals, and scarcity of raw materials to manufacture radiation safety accessories.

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