

# Nuclear Detection and Health Physics



- A full range of products and systems dedicated to radiation protection and ionizing radiation monitoring
- Field-proven solutions
- High-quality manufacturing & support

Specializing in cutting-edge nuclear and health physics instrumentation for global markets, Bertin Instruments, a brand of Bertin Technologies Group, designs and manufactures state-of-the-art detection, measurement, and monitoring systems and instruments. Our products include dosimeters, survey meters, contamination meters, radon monitors, environmental radiation monitoring systems, radiation portal monitors, and related services. We provide customized solutions to monitor, detect, and measure invisible elements such as gases and ionizing radiation. With a focus on customer-specific needs, we offer extensive technical and scientific support and distribute our products worldwide through a network of local partners. Bertin Instruments is involved in all stages of the product and system life cycle, from initial design to obsolescence control.

### HEALTH PHYSICS DEVICES

With over 60 years of experience in the measurement of ionizing radiation, Bertin Instruments offers a complete range of advanced health physics instruments, designed to detect and monitor alpha, beta, gamma, and neutron radiation. These instruments, designed for fast, reliable measurements, respond to a wide range of applications focused on personal protection and compliance with radiation protection standards.



Whether handheld or transportable, Bertin's health physics instruments ensure rapid responsiveness in the field.

By monitoring the environment, overseeing nuclear facility processes, and safeguarding individuals from potential radioactivity exposure, Bertin Instruments prioritizes safety and precision in all its endeavors.



### RADON MONITORING SOLUTIONS

To ensure the safety of people and workers, Bertin Instruments offers a complete range of professional radon monitoring equipment. Renowned for their reliability, stability, robustness, and rapid response, our industry-leading solutions cover a wide range of indoor and outdoor radon measurement applications.

These instruments are ideal for surveys in residential and professional environments, research environments and geological studies, setting industry standards worldwide.



### ENVIRONMENTAL RADIATION MONITORING SYSTEMS

Bertin Instruments is a leader in the field of environmental radiation monitoring, offering a complete range of innovative solutions for air, soil and water.

These systems, whether stand-alone or integrated into larger networks, focus on the early detection of ionizing radiation to protect populations and ecosystems from natural and man-made sources near sensitive areas. The range includes stand-alone gamma probes, air monitoring beacons, gamma spectrometric probes and secure data transmission solutions, all designed to ensure safety and environmental protection. Tested and proven in a variety of demanding scenarios around the world, Bertin's top-of-the-range instruments address critical applications such as nuclear crisis management and continuous monitoring around strategic sites like national borders.



### RADIATION PORTAL MONITOR

Bertin Instruments offers a complete range of radioactivity detection monitors. These advanced solutions are designed to prevent the illicit transport and dissemination of radioactive substances, ensuring the safety of people, property and the environment from radiological hazards. The range of monitors plays a key role in preventing the unauthorized handling, theft and illegal exploitation of radioactive sources, particularly in high-traffic areas such as recycling facilities, steel mills and homeland security checkpoints. Renowned for their accuracy, Bertin's portal radiation monitors are considered the benchmark in radiation detection for the control of vehicles, containers, packages and people, and offer unrivalled reliability in access control and surveillance.



### Services

Bertin Technologies developed skills and know-how to offer a wide range of services from preventive and corrective maintenance to metrology. Bertin Instruments Services' teams, composed of over 70 experts, intervene on site, whether it is their equipment or that of other manufacturers. They are also able to offer a wide range of training courses on the use and maintenance of products or on the principles of radioactivity measurement.

BERTIN TECHNOLOGIES is a French industrial group in high-end instrumentation that designs and manufactures, in France and in Europe, measurement, observation & detection systems and instruments for critical or scientific applications. Every day, Bertin Technologies pursues technological advances in the fields of Nuclear, Defence, Space, Big Science, Life Sciences and Health. Its 650 employees share a desire for excellence, in the service of remarkable and innovative technological solutions. Its 2023 turnover amounts to 132 million euros.

Based in Paris Region and Southern France, Bertin Technologies Group comprises 5 business units – Bertin Instruments, Bertin Environics, Bertin Winlight, Bertin Exensor & Bertin Health & Life Sciences – and has operational subsidiaries in Europe (Germany, Italy, the United Kingdom, Sweden, Finland) and the United States.

**WWW.BERTIN-TECHNOLOGIES.COM**

Bertin Technologies S.A.S  
Parc d'Activités du Pas du Lac  
10 bis, avenue Ampère,  
78180 Montigny Le Bretonneux, France

**Contact us:** sales-rad@bertin.group

Contact us:

