RADIATION SOLUTIONS INC.

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Radiation Solutions Inc.

Radiation Solutions Inc. specializes in advanced radiation detection systems designed for high-performance spectrometry applications in medical and research environments. Their handheld and mobile solutions support alpha, beta, and gamma spectrometry, enabling precise identification and quantification of radioactive isotopes in real time.

RADIATION SOLUTIONS INC.

In clinical diagnostics and nuclear medicine, Radiation Solutions' instruments contribute to accurate radiopharmaceutical handling, contamination control, and quality assurance. Their systems also support environmental health teams within medical institutions by enabling rapid assessment of radiation levels in laboratories, treatment rooms, and waste storage areas.

By delivering robust detection capabilities and intuitive interfaces, Radiation Solutions empowers medical professionals to make informed decisions with confidence and precision.

Advance your radiological monitoring and safety standards with Radiation Solutions Inc.'s trusted spectrometry systems!

ALPHA, BETA & GAMMA SPECTROMETRY

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RS-725 Baghouse Dust Spectrometer System – Radiation Solutions

The RS-725 Baghouse Dust Spectrometer System (Radiation Solutions) is developed for the monitoring of baghouse dust for radiation. The system provides very tight alarm thresholds which results in early detection of small amounts of radiation.

The RS-725 Baghouse Dust Spectrometer System consists of two components; detector and control box. The system can be used with two different detector models; RS-725/21 and RS-725/128

RS-725 Baghouse Dust Spectrometer System features:

- unique NASVD spectral analysis gives high sensitivity performance (no false alarms)
- control box supports up to 4 detector systems
- display screens and data analysis identical to entrance/gate monitor displays for easy RSO training
- sodium-iodide detectors for maximum performance
- 2 detector sizes permits optimization to the application
- 1024 channel high resolution spectrometer gives spectral analysis
- control box fully integrated into plants LAN top provides easy RSO alarm/performance overview of all units
- RS725/21; 3″x3″ (21 cu ins) sodium-iodide detector mounted in a square housing
- RS725/128; 4 x 2 x 16″ (128 cu in) sodium-iodide detector with internal 0.5′” lead shielding
- detector and controller are separately available

Read more about the RS-725 Baghouse Dust Spectrometer System on the Radiation Solutions website

RS-230 BGO Handheld Spectrometer – Radiation Solutions

The RS-230 BGO Handheld Spectrometer (Radiations Solutions) is a portable handheld radiation survey search device for use in the geophysical industry. Using a BGO give very significant increase in performance over the normally used NaI detector (3x).

RS-230 BGO Handheld Spectrometer features:

- single button operation
- high countrate: 65, 535
- protection: IP67
- rugged design
- digital LCD display
- analyses single channel and multichannel
- PC connectivity: USB or Bluetooth
- detector: BGO 2×2“, 103 ccm

Read more about the RS-230 BGO Handheld Spectrometer on the Radiation Solutions website

RS-125 Handheld Spectrometer – Radiation Solutions

The RS-125 Handheld Spectrometer (Radiation Solutions) is an advanced mobile instrument for radiation survey. The device is mainly used for spectral analyses in the geophysical industry. The RS-125 has the highest sensitivity in the market of spectrometers and is simple in use. There are no test sources required, the spectrometer stabilizes automatically on the different forms of radioactivity (K, U and Th).

RS-125 Handheld Spectrometer features:

- single button operation
- digital LCD display
- detector: NaI(Tl) 2×2“
- analyses single channel and multichannel
- PC connectivity: USB or Bluetooth
- high countrate: 65, 535
- protection: IP67
- rugged design

Read more about the RS-125 Handheld Spectrometer on the Radiation Solutions website