

RADIATION SOLUTIONS INC.

RADIATION SOLUTIONS

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Radiation Solutions Inc.



Radiation Solutions Inc. est spécialisée dans les systèmes avancés de détection des rayonnements conçus pour des applications de spectrométrie à haute performance dans les environnements médicaux et de recherche. Ses solutions portables et mobiles prennent en charge la spectrométrie alpha, bêta et gamma, permettant l'identification et la quantification précises des isotopes radioactifs en temps réel.



**RADIATION
SOLUTIONS INC.**

Dans le domaine du diagnostic clinique et de la médecine nucléaire, les instruments de Radiation Solutions contribuent à la manipulation précise des produits radiopharmaceutiques, au contrôle de la contamination et à l'assurance qualité. Leurs systèmes soutiennent également les équipes chargées de la santé environnementale dans les établissements médicaux en permettant une évaluation rapide des niveaux de radiation dans les laboratoires, les salles de traitement et les zones de stockage des déchets.

En offrant des capacités de détection robustes et des interfaces intuitives, Radiation Solutions permet aux professionnels de la santé de prendre des décisions éclairées avec confiance et précision.

Améliorez votre surveillance radiologique et vos normes de sécurité avec les systèmes de spectrométrie fiables de Radiation Solutions Inc.

SPECTROMÉTRIE ALPHA- BÊTA-GAMMA





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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](#)

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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](#)

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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](#)