

Survey Meter for the Low Energy ^{125}I γ -ray S-1371A

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[Description]

^{125}I is widely used in the fields of medicine and biology for synthesizing the labeled compounds and for Radioimmunoassay.

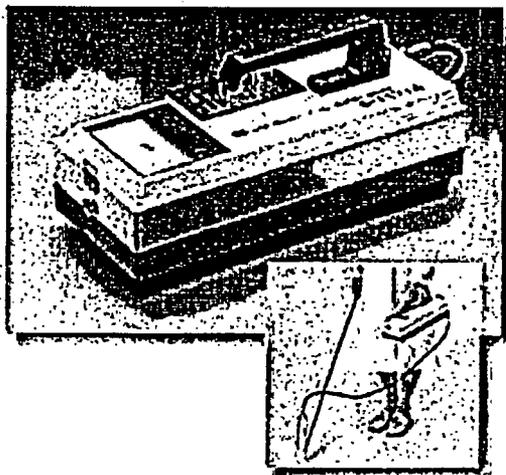
The Model S-1371A is a survey meter to be used in industries or laboratories dealing with ^{125}I . This survey meter can detect, with very high sensitivity, contaminations including surface contaminations by nuclides with low energy γ -ray.

In contrast to conventional survey meters which have 0.1% of counting efficiency against ^{125}I the Model S-1371A has 24% of efficiency (240 times sensitive) and can detect as low as $10\text{-}4\ \mu\text{Ci}$.

Also, the detector has an extension probe support and can easily check and detect the floor contaminations.

[Features]

- 1 The counting efficiency against ^{125}I is 24% and 240 times sensitive than a GM counter.
- 2 An extension probe support is provided for checking the floor contamination.
- 3 The detector has directivity (low sensitivity for incident beams with an angle) and can detect the floor contamination under a high background.
- 4 Two Unit 2 batteries are used as the power source. They are very easy to replace.
- 5 Other than ^{125}I , this model can be used for measurements of low energy radiations such as β -ray Bremsstrahlung radiation or X-ray.
- 6 As the logic output signal is provided, outputting of the integrated data to scaler or a personal computer is available.



[[Survey Meter Series]]

Dew-free type α -ray Survey Meter SZS-201* Dew-free type β -ray Survey Meter SPS-201
Dew-free type γ -ray Survey Meter SND-201* ^{125}I Survey Meter for the Low Energy ^{125}I γ -ray S-1371A

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