

## Radiation survey meter - 900 type 44A

Portable or tabletop radiation meter



### Product description:

The sodium iodide crystal (32 × 2.5mm thick) is mounted on the front surface of the probe to facilitate monitoring of large contaminated areas Suitable for a range of energies from approximately 15 keV to 250 keV Beta sensitive for energies above 500 keV

Diameter: 50mm

Length: 180mm

Aluminum window weight: 14mg/cm<sup>2</sup> Battery Type : 6 type AA cells, alkaline (IEC LR6) or rechargeable (IEC KR 15/51)

Description : Type 900/41S

Detectors : Photomultiplier Tube

Performance : Paralysis Time: Scale corrected to give true reading; Meter Integration Time: 1 to 4 seconds set to match counting rate;

Overload Protection: No meter 'fallback' with intensities at least 100 times full scale reading

Radiation Type : Gamma or X-Ray depending on config.

Sensitivity : 130s<sup>-1</sup> due to 3.7kBq 99Tc at 20mm

Voltage : Main Power: 12 - 18VDC; GM Tube: 300 - 700V

Weight (English) : 2.2 lb.

Weight (Metric) : 1kg

Background : 20 - 30 s<sup>-1</sup>

Certifications/Compliance : The monitor conforms to the requirements of the International Technical Commission publication 325

For Use With (Application) : The 900 Series of radiation counters are well established in teaching, research, hospital and industrial laboratories

Item Description : Type 900/41S

Type : Scintillation Monitor

### Available options:

### Product code:

Reference: RM0000

