



SGR Scintillation Gamma Radiameter

Fast and sensitive indication of gamma-ray sources

Applications include:

- uranium ore prospecting
- search for hidden artificial emitters
- industrial and health purposes.

The SGR is a light, ruggedized and easily operated instrument for field and industrial use. This unit is equipped with a loud acoustic output (pitch response), carrying belt and power supply from standard disposable or rechargeable cells. The SGR is watertight and resistant to mechanical shocks.



Technical specifications

- Detector: NaI(Tl), dia 51 x length 51 mm (2" x 2")(6 cu in)
- Sampling: 0.2 s, 0.5 s, 1.0 s, 2.0 s
- Measuring range: 10 nGy/h, to 100 µGy/h
- Pulse rate: up to 250000 cps
- Energy sensitivity: from 50 keV
- Alarm threshold: 100, 200, 600, 2000 nGy/h or switched off
- Alarm range: 300 to 6000 Hz (more than 80 dB at 3000 Hz)
- Display: LCD, backlight
- Power supply: 3 pcs of C cells (single use or rechargeable) for 3 – 5 day's work
- Low power indication: acoustic and displayed
- Size & weight: 100x100x200 mm, 1.6 kg
- Ambient temperature: -20 to +60 °C

PLEASE CALL TERRY ODGERS FOR DETAILS
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