



RS-111 HANDHELD GAMMA-RAY SCINTILLOMETER

RS-111 – Ideal For Field Exploration

The RS-111 Handy Scintillometer is a compact lightweight hand-held gamma ray scintillometer for the geophysical industry. It is easy-to-use with direct survey readout, audio output, full weather protection and is ideally suited for rapid surveying.



Description:

The RS-111 is auto-stabilized on the naturally occurring (K, U, & Th) radioactivity and does not require any test sources.

The small size and its light weight together with the balanced handle and single thumb button, allows easy one handed operation. The single ON/OFF button also allows easy set up of a limited number of working parameters.

The RS-111 features a large numeric LCD display showing actual counts per second (cps).

For eyes-free operation the unit has a loud variable pitch audio tone, proportional to the intensity of the gamma radiation detected. The threshold for audio indication is adjustable manually or automatically to compensate for local background interference. The audio indication can be switched off if required.

The RS-111 HANDY SCINT has a dustproof, shower proof, lightweight storm (high performance resin) case.

Its detachable boot is provided for additional protection in difficult situations.

The unit is powered by four AA type batteries. A fully automatic charger is integrated in the unit for use with rechargeable (NiMH) batteries. Alkaline can also be used if necessary.





Control:

Single push button, thumb activated
ON/OFF function and background reset

Power Supply:

4 "AA" type battery rechargeable (NiMH) or Alkaline
Battery life typically:

- 50 hours at 20°C for NiMH battery
- 80 hours at 20°C for alkaline battery

Battery charger is built into the unit

Temperatures:

Working temperature range: -10°C - + 50°C
Storage temperature range: -20°C - + 60°C

Dimensions:

2.6" x 5.7" x 8.7" (65mm x 145mm x 220mm)

Weight:

2.9 lbs (1.3kg) including the batteries

Specifications subject to change without notice # 01.09

