





- Fast audio output with adjustable audio threshold set point
  - BT earphone audio support for noisy area searching
- Special rugged design to withstand typical field usage, full IP66 weatherproofing with protection against streaming water and fully dusty protected
- GPS data can be directly integrated if mapping is required
- Lower power (4 x AA batteries), typical 8-12 hour battery life at 20°C
- No radioactive sources required for proper operation

## Survey and Scan Modes

Total Count readout at a 1x / second rate in the Survey Mode or variable (1 – 20 sec.) in the Scan Mode. Large detector allows fast source location when used with a GPS receiver, data can be stored and profiles produced. Ideal for mapping and source location.

## Nuclide Identification Mode

The Nuclide Identification Mode provides direct identification of any radioactive material present in relatively short period. The large detector (50% bigger than most units) permit higher levels of performance and faster ID.



## RS-Analyst Software

The RS-220 is provided with utility software running on the users PC to download the data that is stored in memory and interface to the unit for parameter setup, etc. All data in memory is output via Bluetooth or USB to the RS-Analyst program on a PC. This may take the form of 1024 channel spectra, Nuclide ID data or Scan data + GPS. The program also gives graphical and numeric views of the data. The data can also be re-exported as a text file for further processing.

## Standard Accessories

- RS-220 Spectrometer with carrying handle
- Removable protective boot with shoulder strap
- Battery cartridge with 4 x AA rechargeable batteries & charger





## Energy response:

- 30 keV 3000 keV 1024 channels

## Internal sampling for Audio Analysis:

- 20 readings per second

## Power Supply:

- Internal battery pack module (4xAA) easily replaceable
- Rechargeable or Alkaline
- Life: 8 hours at 20°C

*Specifications subject to change without notice # 09.01*