



Handheld gamma detector

A Digital Compact Handheld Radiation Detector for search of radioactive material

The **RT-20 HANDY SCINT** is a compact hand held radiation detector specifically designed to quickly determine the location of radioactive material. The highly sensitive **RT-20** is an ideal instrument for surveying people, packages or material. It will quickly and easily detect Gamma Ray emitting radioactive sources.

Applications

Metal industries
Scrap metal recycling plants
Nuclear facilities
Airports and harbors
Customs & border monitoring
Waste processing plants
Geology and geophysics

Technical specifications

Detector: NaI(Tl), dimensions 30 x 30 mm (21.2 cm³) integrated with bi-alkali photomultiplier

Sensitivity: 60 cps/1MBq for Cs-137 unshielded at 1 m distance

Energy response: 20 keV - 3,0 MeV

Audio alarm: Via miniature speaker. The audio frequency is proportional to measured count rate.

Display: 7 segment LCD, - 4 1/2 segments, maximum counts 19999

Control: single push button, thumb activated, ON/OFF function and background reset

The RT-20 is made in the European Union by Georadis



The lightweight RT-20 (1.25 kg including batteries) is very easy to use.

Power supply: 4 "AA" type battery rechargeable (NiCd or NiMH) or nonrechargeable (alkaline).

Battery operating time is typically 50 hours of operation at 20 °C for NiMH battery or 80 hours of operation at 20 °C for alkaline batteries.



Modell RT-20 T with telescopic arm

Standard delivery accessories

- Protective boot with carrying strap
- 4 AA Rechargeable Batteries
- Battery charger
- User manual

Specifications are subject to change.

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