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MEDICINE

Multi-Purpose Survey Meter Radcount-3



MAIN ADVANTAGES

- Integrated measurement of gamma dose rate and dose
- The possibility to connect an external surface contamination probe
- Very long operation due to high-capacity rechargeable battery
- Two preset alarm levels
- User friendly, ease of use
- Easy decontamination

PURPOSE

RadCount-3 is a portable hand-held device with an integrated G-M tube that can be used **to measure the dose equivalent rate in the environment.**

It also enables the measurement of the integrated dose (from the last reset).

It is also possible to connect an external surface contamination probe.

The RadCount-3 multi-purpose survey meter has a backlit graphic display, a membrane keyboard and a lithium-ion battery to power the entire device. The charging adapter is included in the delivery.

The rubber sleeve increases the resistance of the case against impacts and falls.

The display can show the selected quantity as a numerical value with a unit and in the form of a bar graph.

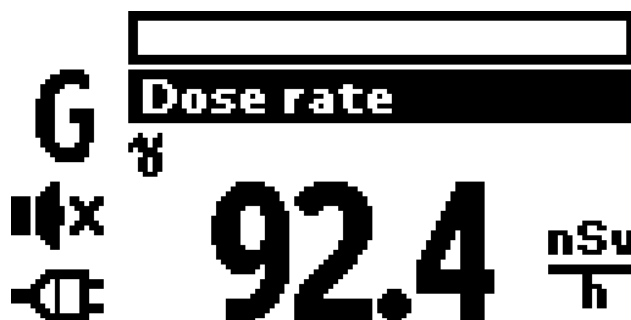
It is possible to have an automatic warning sound when the preset alarm levels of dose rate and dose are exceeded. Exceeding the first and second level is signalled by a different tone.

Pulses generated by the detector can also be made audible.

The measured dose rate and dose values can be periodically or manually saved to the measurement archive together with a time stamp. The archive can be exported to a file.

The transfer of the archive and the settings of the basic parameters is carried out using the VF-Setup service software from a PC connected via the service connector.

The VF-Setup service software is included in the delivery. A service cable for connecting the RadCount-3 to a PC can be ordered as an optional accessory.



Detail of the RadCount-3 display

Radcount-3

MULTI-PURPOSE SURVEY METER

SPECIFICATION

Detector type	G-M tube
Measurement range	1E-7 to 5E-1 Sv/h
Energy range	50 keV to 3 MeV
Dimensions (W × H × D)	(96 × 171 × 44) mm
Weight	600 g
Power supply	Li-Ion batteries mains adapter 12 VDC / 2 A
Battery life	app. 200 hours (without back illumination)
Charging time	
using the adapter	app. 3,5 hours
using the USB	app. 20 hours
Temperature range	from -20 to +50 °C
Units	Sv/h

OPTIONAL ACCESSORIES

51-A-0000259	Service cable, USB A – Fischer 5 pin
50-A-0016889	Belt clip and shoulder strap kit

RELATED PRODUCTS

SFP-100A	A probe for measuring surface alpha contamination
SFP-100B	A probe for measuring surface alpha + beta contamination
SFP-100C	A probe for measuring surface alpha/beta contamination
SFP-100D	A probe for measuring surface alpha + beta + gamma contamination
SFP-100E	A probe for measuring surface alpha/beta + gamma contamination



RadCount-3 with a shoulder strap



RadCount-3 with a connected SFP-100 probe