

Radkeeper Personal

Gamma / X-Ray Personal Dosimeter

- energy: 60 keV ... 1.2 MeV
- acoustic / visual alarm at radiation dose >10 µSv/h
- increasing radiation produces shorter alarm signal intervals
- battery life >6 months (continuous operation without radiation exposure)
- battery test function / signal when battery is low



TECHNICAL SPECIFICATIONS

Radiation	X-rays & gamma radiation
Energy	60 keV ... 1.2 MeV
Alarm signals	2 x short beeps before meas. starts silence: dose <10 µSv/h 1 beep/min: >10 µSv/h 2 beeps/min: >20 µSv/h 3 beeps/min: >30 µSv/h 20 beeps/min: >200 µSv/h continuous alarm: >µSv/h
Power supply	2 x 1.5 V batteries (6 mnths w/o rad.); Low-Bat indicator (continuous warning)
Op. conditions	+10 ... +40 °C
Dimensions	55 x 47 x 14 mm (without clip)
Weight	32 g

INCLUDES

Personal dosimeter, batteries, instruction manual

ITEM NO.	ITEM
K-RKP	personal dosimeter

RKS-01

Gamma / X-Ray Dosimeter

- measurement of dose equivalent rate of gamma and X-rays
- measurement of the flux density of beta particles
- real-time measurements (internal clock)
- timer function



TECHNICAL SPECIFICATIONS

Dose equivalent rate	0.1...999.9 µSv/h;
Accuracy	±15 %
Flux density of beta part.	5 ... 100000 1/(cm ² ·min);
Accuracy	±20 %
Gamma radiation / x-rays	0.05 ... 3.0 MeV; ±25 %
Beta radiation	0.5 ... 3.0; MeV
Resolution of limit value programming for:	
- Dose rate	0.01 µSv/h
- Flux density	0.01 10 ³ /(cm ² ·min)
Display	LCD, backlight
Power supply	battery, life of 1500 h
Operating conditions	-20...+50 °C
Dimensions	160 × 75 × 35 mm
Weight	0.44 kg

INCLUDES

Dosimeter, batteries, cardboard folding box, instruction manual

ITEM NO.	ITEM
K-RKS-01	gamma / x-ray dosimeter

ED150

Verifiable Gamma Dosimeter

- type approval by PTB: 23.52 / 04.01
- approval for fire service: DW/FW/IdF 040411
- measures gamma & x-radiation via variable Hp (10)
- dose rate indication / 180° radiation detection
- autocontrol / memory remains after battery change
- adjustable sampling rate / decontaminable IP67



TECHNICAL SPECIFICATIONS

Detector	GM counter tube
Dose indication	0.1 µSv ... 10 Sv
Dose measurement PTB	10 µSv ... 1 Sv
Dose output indication	0.1 µSv/h ... 1.5 Sv/h
Dose output measurement	1 µSv/h ... 1.5 Sv/h
Power range	55 keV ... 3.0 MeV
Alarm limits for dose	200 / 500 / 1000 / 2000 µSv
Alarm limits for d. output	7.5 / 25 / 40 / 300 µSv/h
Temperature range	-20 ... 60 °C
Display	LCD
Power supply	3 x L/R1 round cells, 1.5 V
Operating conditions	-20 ... +50 °C / max. 90 % RH
Dimensions	136 x 40 x 17 mm
Weight	160 g

INCLUDES

Gamma dosimeter, batteries, calibration certificate, instruction manual

ITEM NO.	ITEM
K-ED150	verifiable gamma dosimeter

OPTIONAL ACCESSORIES

K-ED150-EICH verification certificate