



Electronic Personal Dosemeter GRAETZ GPD150G

with dose and dose rate alarm functions

- dosimeter for measuring gamma radiation and X-rays for the dose equivalent $H_p(10)$
- detector: energy compensated GM tube
- switchable acoustic single-pulse indication
- menu-driven user navigation
- storage of the dose and of the set parameters even during battery change
- 4 preset dose alarm thresholds:
200 μSv , 500 μSv , 1000 μSv , 2000 μSv

Remark:

On request adjustment of customised alarm thresholds by GRAETZ.

- dose rate alarm threshold: 25 $\mu\text{Sv/h}$
- optical, acoustical alarm
- option: vibration alarm
- high reliability by continuous self control
- small and handy housing, easy to decontaminate, protection class IP54
- operating life with one battery set at ambient background radiation approx.
1 month during 24 hours operation and 3 months during 8 hours operation
- acoustic battery alarm

Special version **GPD150GF** designed for Fire Brigades:

- Dose alarm thresholds: 1 mSv, 15 mSv, 100 mSv, 250 mSv
- Dose rate alarm threshold: 1 Sv/h (cannot be switched off or acknowledged)

Whenever switching on the GPD150GF the alarm threshold 15 mSv is automatically activated.



Technical Data

Dose indication range:	0 nSv – 10 Sv
Dose measuring range:	10 μSv – 10 Sv
Dose rate range for dose measurement:	0.1 $\mu\text{Sv/h}$ – 1.0 Sv/h
Energy range:	55 keV – 3 MeV
Dose alarm thresholds:	4 preset values in the range of 10 μSv – 10 Sv
Dose rate alarm threshold:	25 $\mu\text{Sv/h}$
Temperature range:	-20°C up to +60°C
Power supply:	2 batteries 1.5 V (type AAA)
Acoustic alarm:	approx. 80 dB(A) in 30 cm distance
Dimensions:	(59 x 71 x 25/17) mm
Weight (batteries included):	approx. 110 g (with plastic clip)

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Subject to
change



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