



Electronic Personal Dosemeter GRAETZ ED150

with dose rate indication and alarm functions

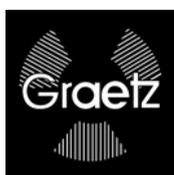
- PTB-approved¹⁾ dosimeter for measuring gamma radiation and X-rays for the dose equivalent H_p (10)
 - detector: energy compensated GM-tube
 - optimal reading of measured values by digital indication on an especially shaped LC-display
 - dose rate indication upon keystroke
 - reliable and safe measurement of radiation in front of the user's body (detection of a solid angle of 180°)
 - switchable acoustic single-pulse indication
 - menu-driven user navigation
 - storage of dose value and set parameters also during battery change
 - 4 preset alarm thresholds for dose: 200 µSv, 500 µSv, 1000 µSv, 2000 µSv
 - dose rate: 7.5 µSv/h, 25 µSv/h, 40 µSv/h, 300 µSv/h
- Remark:**
upon request adjustment of customer required alarm thresholds by GRAETZ
- high reliability by continuous self control and test function
 - small and handy metallized housing made of high impact-proof plastic, easy to decontaminate, protection class IP67
 - power supply by 3 pcs. Lady cells LR1 1.5V
 - operating life approx. 1 year with one battery set at ambient background radiation



Technical Data

Measuring ranges:	
– dose	0.1 µSv – 10 Sv
– dose rate	1 µSv/h – 1.5 Sv/h
– PTB-approved dose ¹⁾	10 µSv – 1 Sv
Energy range:	55 keV – 3 MeV
Dose alarm thresholds:	4 preset values in the range of 1 µSv – 10 Sv
Dose rate alarm thresholds:	4 preset values in the range of 1 µSv/h – 1.5 Sv/h
Temperature range:	-20 °C up to + 60 °C
Dimensions / Weight:	(136 x 40 x 17) mm approx. 140 g
PTB – Approval No.:	23.52 / 04.01
German Fire Brigades Approval No.:	DW/FW/IdF 040411

¹⁾ PTB-approved measuring range for measurements specifically demanded by German regulations



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