



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



Technical Data

Measuring ranges: - dose - dose rate - PTB-approved dose ¹⁾	0.1 µSv – 10 Sv 1 µSv/h - 1.5 Sv/h 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



GRAETZ Strahlungsmeßtechnik GmbH
Westiger Straße 172 · 58762 Altena / Germany

Distribuito in Italia da:
Active Radsys
www.activeradsys.it www.activeradsys.it