

Dose Rate Meter GammaTwin

- small and handy, PTB-approved dose rate meter for the measurement of gamma radiation and X-rays for ambient dose equivalent rate $\dot{H}^*(10)$ and ambient dose equivalent $H^*(10)$ (local dose) ¹⁾
- detector: energy compensated Geiger-Müller-tube
- large, digital indication of measured values on LC-display (illuminable)
- selectable simultaneous or separate indication of dose and dose rate, additionally quasi-analog indication of dose rate (logarithmic bargraph)
- 4 preset dose and dose rate alarm thresholds; the standard alarm thresholds can be set according to customer requirements (please indicate when ordering)
- connectible acoustic single-pulse indication
- automatic and continuous storage of the dose
- storage of the dose and of set parameters even at battery change
- permanent self control
- designed for rough use, housing made of aluminium, protection class IP54 (splash proof)
- menu-driven user navigation
- power supply by 2 batteries type AAA 1,5V
- supply with robust Nylon bag

¹⁾ For detecting the personal dose a measuring instrument with the measurand $H_p(10)$ is required.

Technical Data

Dose rate indication range:	0 nSv/h – 70 mSv/h
Dose rate measuring range:	0,5 µSv/h – 70 mSv/h
Dose indication range:	0 nSv – 1,0 Sv
Dose measuring range:	0,5 µSv – 1,0 Sv
Energy range:	45 keV – 1,3 MeV
Dose rate alarm thresholds:	7,5 µSv/h, 25 µSv/h, 40 µSv/h, 300 µSv/h
Dose alarm thresholds:	200 µSv, 500 µSv, 1000 µSv, 2000 µSv
Temperature range:	-20 °C up to +60 °C
Acoustic alarm:	80 dB(A) measured in 30 cm distance
PTB-Approval No.:	23.51 / 10.02
Dimensions / Weight:	(26 x 66 x 103) mm 190 g (with batteries)



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