



# Dose Rate Meter GRAETZ 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) <sup>1)</sup>
- 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

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



## Technical Data

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

