

Dose Rate Meter GRAETZ GammaTwin

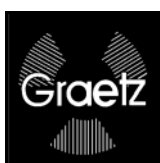


- small and handy, easy to operate dose rate meter for the measurement of gamma radiation and X-rays
- measurand: ambient dose equivalent rate $\dot{H}^*(10)$
- detector: energy compensated Geiger-Müller-tube
- large, digital indication of measured values on LC-display (illuminable)
- selectable simultaneous or separate indication of dose and dose rate, additionally quasi-analog indication of dose rate (logarithmic bargraph)
- 4 preset dose rate alarm thresholds
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- acoustic single-pulse indication can be switched on; especially for the use in non destructive testing it is possible to reduce the pulse rate of background radiation to 1-2 counts/minute (to be set in a special menu point)
- automatic and continuous storage of the dose
- storage of the dose and of set parameters even at battery change
- continuous test functions and permanent self control (displayed by a function control symbol) guarantee operational safety and suitability for daily use
- designed for "heavy-duty" 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 a robust Nylon bag and an earphone for loud work environments



Technical Data

Dose rate indication range:	0 nSv/h – 50 mSv/h
Dose rate measuring range:	0,5 µSv/h – 50 mSv/h
Dose indication range:	0 nSv – 1,0 Sv
Dose measuring range:	0,5 µSv – 1,0 Sv
Energy range:	40 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
Alarm signal:	> 80 dB(A) measured in 30 cm distance
Dimensions:	(26 x 66 x 103) mm
Weight (with batteries):	190 g



GRAETZ Strahlungsmeßtechnik GmbH

Westiger Straße 172 · D-58762 Altena / Germany

P.O. Box 81 00 · D-58754 Altena / Germany

Phone +49-2352-70070 · Fax +49-2352-700710

e-Mail: STMA-GRAETZ@t-online.de

Homepage: www.graetz.com