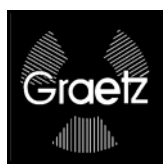


GRAETZ Doserate Measuring System X 5 C plus for your personal radiation protection

- doserate meter for measuring gamma radiation and X-rays
- measuring size: ambient doserate equivalent $H^*(10)$
- detector: energy compensated Geiger-Müller-tube
- large, digital indication of measured values on LC-display (illuminable)
- selectable doserate or dose indication with integration time
- additional quasi-analogue indication of doserate (3,5 decades, logarithmic bar graph)
- indication of peak and average doserate value
- 4 free programmable dose and doserate alarm thresholds
- automatic or manual storage of measured doserate values together with date and time
- evaluation/indication of residual time for staying in the current radiation field with regard to the maximum allowed dose
- switchable acoustic single pulse indication
- clear menu-driven operator guidance for easy operation, partly secured by password
- storage of set parameters also when the device is switched off or during battery replacement
- continuous self-testing and monitoring to ensure high reliability
- compact metallized housing made of high impact-proof plastic, easy to decontaminate, sealed for submersion up to 1 m depth (IP67)
- power supply by 9V-energy block 6LR61
- EMC-screened
- RS 232 interface
- basic unit can be combined either directly or by probe cable with various probes (see separate leaflet):
 - for extending the measuring range up to 10 Sv/h
 - for detecting α -, β - and γ -radiation
 - for measuring in liquids
 - for measurements at „hard-to-get-to“ places
 - Telescope Probe DE for measurements from a safe distance
 - Scintillation Probe 2002 for measuring low doserates
- use of GRAETZ „CE“-probes, measuring size: ambient doserate equivalent $H^*(10)$
- use of GRAETZ „D/DE“-probes, measuring size: photon doserate equivalent H_x

Technical Data

Dose indication range	0 nSv/h – 20 mSv/h
PTB-doserate measuring range	1,0 μ Sv/h – 20 mSv/h
Dose indication range	0 nSv/h – 10 Sv
Energy range	40 keV – 1,3 MeV
Doserate alarm thresholds	4, free programmable, 1 μ Sv/h – 20 mSv/h
Dose alarm thresholds	4, free programmable, 1 μ Sv/h – 10 Sv
Temperature range	-30 °C up to +60 °C
Dimensions / Weight	(152 x 82 x 39) mm / approx. 400 g
PTB-Approval No.	23.01/04.01
German Fire Brigades Approval No.	DL/FW/IdF 080221/1



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