Graetz
Strahlungsmeßtechnik

PRODUCT DATA SHEET

11-2026
Subject to change

DOSE RATE ALARM LAMP GRAETZ GWL10m



Product features

The GWL10m is an accumulator operated dose rate alarm unit, independent of mains supply, for the detection of γ-radiation and X-rays. The instrument has four fixed dose rate alarm thresholds, triggering optical and acoustical alarm when being exceeded. The acoustic alarm can be switched off, if required.

The instrument is designed for operations in „heavy-duty“ environments and equipped with a robust and splash-proof housing. The GWL10m is preferably used for room monitoring and for the determination of restricted areas, where a given dose rate has been achieved.

The GWL10m is supplied together with a recharger unit for recharging the built-in accumulator.

Optional accessories

- Motion sensor triggering an acoustic alarm when a person approaches towards a danger zone with increased radiation level

Technical Data	
Type of radiation:	Gamma radiation and X-rays
Detector:	energy compensated GM tube
Measurand:	ambient dose rate equivalent Ḣ*(10)
Alarm thresholds:	7.5 µSv/h, 25 µSv/h, 1 mSv/h, 10 mSv/h
Acoustic Alarm:	approx. 93 dB(A) measured in 30 cm distance, can be switched off
Energy range:	40 keV – 1.3 MeV
Temperature range:	-30°C up to +60°C
Power supply:	accumulator (operating time with fully charged accumulator approx. 48 hours, without acoustic alarm)
Housing:	aluminium combined with high impact plastic, protection class IP65
Dimensions:	approx. 120 x 120 x 250 mm
Weight:	approx. 2300 g





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