Dose Rate Alarm Lamp
GRAETZ GWL 10m

The GWL 10m 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 alarm thresholds, triggering optical and acoustical alarm when being exceeded. The acoustic alarm can be switched off, if required.

The instrument, designed for operations in „heavy-duty" environments, is EMC-proof and equipped with a robust and splash-proof housing. The GWL 10m is preferably used for room monitoring and for the determination of restricted areas, where a given dose rate has been achieved.

The GWL 10 m is supplied together with a recharger unit for recharging the built-in accumulator.

Optional accessories:

- robust tripod
- 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:	filtered GM-tube
Measuring size:	ambient dose equivalent rate $\dot{H}^*(10)$
Alarm thresholds:	7,5 µSv/h, 25 µSv/h, 1 mSv/h, 10 mSv/h
Acoustic Alarm:	> 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 IP 65
Dimensions:	(120 x 120 x 250) mm
Weight:	2300 g

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