

Dose Rate Alarm Lamp - GWL10m

Features

The GWL10m is an accumulator operated, self-contained dose rate alarm unit for the detection of gamma radiation and X-rays with four alarm thresholds, triggering optical and acoustic 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 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.



Fields of application

NDT, Fire Brigades, Civil Defence, Nuclear Technology, Industry

Optional accessories:

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

Specifications

Type of radiation:	Gamma radiation and X-rays
Detector:	energy compensated GM-tube
Units:	ambient dose equivalent rate $H^* (10)$
Alarm thresholds:	7,5 μ Sv/h, 25 μ Sv/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 / Weight:	(120 x 120 x 250) mm / 2300 g