

## Dose Rate Alarm Lamp GWL 10m



### Description

Gamma warning lamp with adjustable alarm thresholds for room monitoring and for the determination of restricted areas.

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 splashproof 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.

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## Specifications

- Kind of radiation gamma radiation / X-rays (DC installations)
- Detector energy compensated GM tube
- Measurand ambient dose rate equivalent  $\mu\text{Sv/h}$  (10)
- Alarm thresholds 7.5  $\mu\text{Sv/h}$ , 25  $\mu\text{Sv/h}$ , 1 mSv/h, 10 mSv/h
- Acoustic alarm > 93 dB(A) measured in 30 cm distance, can be switched off
- Energy range 40 keV up to 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/Weight (120 × 120 × 250) mm/ 2300 g (with accumulator)

## All product options

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



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