

04-2022 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 y-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**

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:          | energy compensated GM tube   |
| Measurand:         | ambient dose rate equivalent H*(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   |





