



# Dose Rate Alarm Unit GRAETZ GammaTest C with adjustable alarm thresholds

The GammaTest C is a light, robust battery operated pocket-sized dose rate alarm unit for the personal radiation protection for the detection of gamma and X-rays. Four different alarm thresholds can be adjusted. When being exceeded, an optical (red LED) and acoustic alarm will be triggered.

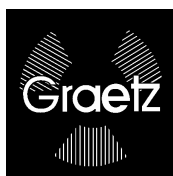
The dose rate alarm threshold 25  $\mu\text{Sv/h}$  is required by the German Fire Brigades Regulation (FwDV 500) for the determination of a danger zone. The alarm threshold 40  $\mu\text{Sv/h}$  is required in the range of non destructive testing (NDT) during radiographic processing (for example by X-rays): the local dose rate outside the control area may not exceed 40  $\mu\text{Sv/h}$ .

The splash-proof, anodically treated aluminium housing of the GammaTest C ensures a shielding against EMC influence.



## Technical Data

<b>Detector:</b>	energy compensated GM-tube
<b>Energy range:</b>	40 keV – 1,3 MeV
<b>Measurand:</b>	Ambient dose equivalent rate $H^*(10)$
<b>Alarm thresholds:</b>	25 $\mu\text{Sv/h}$ , 40 $\mu\text{Sv/h}$ , 1 mSv/h, 10 mSv/h
<b>Overload capacity:</b>	> 500 mSv/h
<b>Temperature range:</b>	-30 °C up to +60 °C (operation) -40 °C up to +70 °C (storage)
<b>Acoustic alarm:</b>	> 80 dB(A) measured in 30 cm distance
<b>Dimensions / Weight:</b>	(106 x 67 x 23) mm, without Clip / 190 g
<b>Operating life:</b>	approx. 250 hours
<b>Power supply:</b>	2x AAA (LR03)



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