

# Dose Rate Alarm Unit 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 Geiger-Müller tube
<b>Energy range:</b>	40 keV – 1,3 MeV
<b>Measuring size:</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) at 30 cm distance
<b>Dimensions:</b>	(106 x 67 x 23) mm, without clip
<b>Operating life:</b>	approx. 250 hours
<b>Weight (with batteries):</b>	190 g
<b>Power supply:</b>	2x AAA (LR03)



### Distributore ufficiale per l'Italia

**Extratech** Engineering, Technology, Software & Training - by **3DLiFe srl**  
Via Torraca, 76 - 85100 Potenza (PZ) Tel/Fax. (+39) 0971.21.432 p.iva 016.540.40.763  
www.extratech.it - info@extratech.it - www.3dlife.it - info@3dlife.it

rif: Ing. Vito Lisanti cell. 329.80.380.79

**EXTRATECH**