

# GRAETZ Telescope Probe DE

for radiation protection and for measuring  
 $\gamma$ -radiation and X-rays

- for measuring high dose rates from a safe distance, dose rate measuring range up to 10 Sv/h
- available for the measuring sizes:  
1) photon dose equivalent rate  $H_x$   
**alternatively**  
2) ambient dose equivalent rate  $H^*$  (10)
- for measurements at „hard-to-get-to“ places
- simple adaption to basic units (X5C plus, X5C, X5DE, X50DE) by snap-in technique
- reliable connection between the Telescope Probe DE and basic unit without plug or cable, only by contacts
- telescope made of stainless steel, smoothly extendable up to 4 m
- untwistable connection between the head of the detector probe and the electronics
- for measuring low and high dose rates the Telescope Probe DE is equipped with two different GM-tubes
- automatic range change
- indication of the dose rate at the user's location selectable upon keystroke
- no need of separate batteries for the Telescope Probe DE, voltage supply from the basic unit
- especially approved for the use at German Fire Brigades



## Technical Data

<b>Energy range:</b> - low dose rate - high dose rate	60 keV – 1,3 MeV 60 keV – 3 MeV
<b>Indication range:</b>	0 nSv/h – 10 Sv/h
<b>Measuring range:</b>	1,5 $\mu$ Sv/h – 10 Sv/h
<b>Dose rate alarm thresholds:</b>	like basic unit
<b>Temperature range:</b>	operation: -30 °C up to +60 °C storage: -40 °C up to +70 °C
<b>German Fire Brigades Approval No.:</b>	DL/FW/GSF 06 89 11
<b>Dimensions:</b>	920/4000 mm
<b>Weight:</b>	2600 g



Aluminium transport case for the Telescope Probe DE and accessories



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