

# GRAETZ Telescope Probe DE

## for radiation protection and measurement of $\gamma$ -radiation and X-rays

### Product features

- ☸ For measuring high dose rates from a safe distance, dose rate measuring range up to 10 Sv/h for the ambient dose equivalent rate  $\dot{H}^*(10)$
- ☸ For measurements at „hard-to-get-to“ places
- ☸ Simple adaption to a basic unit of the GRAETZ X5C series (**X5C plus**, **X5C plus SE**, **X5C FW**) by snap-in technique
- ☸ Reliable connection between the Telescope Probe DE and the basic unit without needing a plug or cable (only by contacts)
- ☸ Telescope made of stainless steel, smoothly extendable up to a total length of 4 m
- ☸ IP54 with slid in telescope and with rubber protective cap
- ☸ Untwistable connection between the probe head and the electronics (flat ribbon cable inside)
- ☸ Automatic range change
- ☸ Indication of the dose rate at the user's location selectable by pushing a button
- ☸ Voltage supply from the basic unit



**Please note:** The basic unit is not included in the scope of delivery.

### Technical Data

Energy range:	
- low dose rate	50 keV – 1.3 MeV
- high dose rate	65 keV – 3 MeV
Indication range:	0 nSv/h – 9.99 Sv/h
Measuring range:	1.5 $\mu$ Sv/h – 9.99 Sv/h
Dose rate alarm thresholds:	like basic unit
Temperature range:	
- operation	-30°C up to +60°C
- storage	-40°C up to +70°C
According to German Fire Brigades Approval No.:	DL/FW/GSF-068911
Dimensions/Weight:	Approx. 960 mm x 120 mm x 100 mm (telescope not extended) Approx. 3000 g



Telescope Probe DE with accessories in aluminium transport case