



GRAETZ Telescope Probe DE

for radiation protection and for measuring γ -radiation and X-rays



- for measuring high dose rates from a safe distance, dose rate measuring range up to 10 Sv/h for the ambient dose equivalent rate H^* (10)
- for measurements at „hard-to-get-to“ places
- simple adaption to the basic unit **X5C plus** by snap-in technique
- reliable connection between the Telescope Probe DE and the basic unit without plug or cable, only by contacts
- telescope made of stainless steel, smoothly extendable up to a total length of 4 m
- IP67 with slid in telescope and put on rubber protective cap
- untwistable connection between the head of the detector probe and the electronics
- automatic change of range
- indication of the dose rate at the user's location selectable by keystroke
- voltage supply from the basic unit

Technical Data

Energy range:	
- low dose rate	50 keV – 1.3 MeV
- high dose rate	65 keV – 1.3 MeV
Indication range:	0 nSv/h – 10 Sv/h
Measuring range:	1.5 μ Sv/h – 10 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
German Fire Brigades Approval:	DL/FW/GSF 06 89 11
Dimensions / Weight:	920 respectively 4000 mm / 2600 g

GRAETZ CE-Telescope

for changeable probes

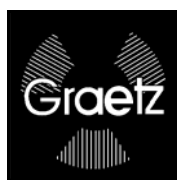
Data of energy range, measuring range and measurand according to the connected probe.

Type	Radiation	Energy range	Measuring range	Measurand	PTB-Approval ¹⁾
18509 CE	γ	55 keV – 1.3 MeV	50 μ Sv/h – 1 Sv/h	$H^*(10)$	23.71 / 05.01
18529 CE	γ	70 keV – 3 MeV	0.5 mSv/h – 10 Sv/h	$H^*(10)$	23.71 / 05.02
18545 CE	γ	40 keV – 1.3 MeV	150 nSv/h – 200 μ Sv/h	$H^*(10)$	23.71 / 05.03
18550 CE	γ	40 keV – 1.3 MeV	10 μ Sv/h – 20 mSv/h	$H^*(10)$	23.71 / 05.04
18526 D	α, β, γ		0 – 20 Kcps background count: 25 counts/min		
18559 C	γ	LD: 50 keV-1.3 MeV HD: 65 keV-1.3 MeV	1 μ Sv/h – 10 Sv/h	$H^*(10)$	

¹⁾ when combined with the dose rate meter X5C plus

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Subject to
technical change



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