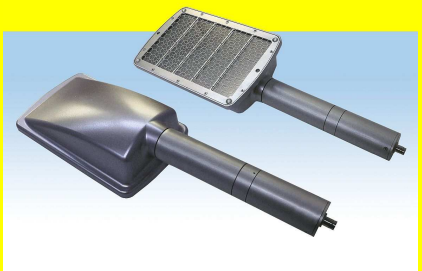
GRAETZ Probes

for the dose rate measuring system X5C *plus*

Pulse probes

- probes for the detection of α-, β- and γ-contaminations
- high sensitive scintillation probe for the detection of β-/γ-radiation
- glass immersion counter tube B.12H for measurements in liquids
- automatic probe identification by the basic unit
- connectable to the basic unit either directly or by using a probe cable up to a max. length of 100 m (standard length: 1,25 m)
- the basic unit automatically takes over the probe specific calibration factor
- the basic unit automatically displays the detected type of radiation
- indication range on the basic unit 0-20 Kcps
- difference between gamma and pulse probes: basic unit effects a pulse rate measurement instead of dose rate measurement and a summation of triggered counts instead of dose measurement
- instead of the four dose and dose rate alarm thresholds, a pulse respectively a pulse rate alarm threshold can be set at the basic unit
- temperature range of the GM-probes: -30 °C up to +60 °C
- temperature range ABG170: -10 °C up to 40 °C
- temperature range of the Scintillation Probe: -20 °C up to +50 °C; max. temperature change 10 °C/h



Type	Type of radiation	Detector		Background* (counts/min)	Dimensions Weight
18526 D	α, β, γ	GM-tube	effective surface 6,1 cm²	25	length 110 mm, Ø 40 mm 150 g
B.12H	β, γ	GM-tube	effective length 150 mm	54	length 290 mm, Ø 50 mm 277 g
ABG170	α, β, γ	plastic scintillator	effective surface 170 cm²	900-1500	(390x125x75) mm (handle included) 790 g
NaI-Scintillation Probe 2002	β, γ	NaI(Tl) scintillator	effective volume (70x70X13) mm	6000	(80x85x35) mm with handle 200 mm 530 g

***) at 0,1 µSv/h**

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Subject to change

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