

# MiniTRACE $\beta$

## Contamination Meter for $\beta$ - and $\gamma$ -radiation

### Performance features

- small contamination meter with GM-pancake detector
- $\beta$ - and  $\gamma$ -separation by means of movable filter
- $\alpha$ -contamination measurement possible  
(Initial measurement with open detector. Following measurement with paper between measuring object and detector. Difference =  $\alpha$ -contamination)
- fast response time (1 sec.)
- automatic measuring time adaption depending on change of activity level
- additional "mean value" mode
- easy to operate (2 buttons)
- display: 6-digit LCD-screen
- measuring value in cps
- alarm: optical and acoustic
- long battery time (2000 h)
- infrared interface
- acoustic pulse output

**Note:** It is always useful to start measuring with an open detector (highest sensitivity)!

### Technical data

Display unit:	counts per second (cps)
Display range:	0.0 – 9990.0 cps
Sensitivity:	0.15 cps/Bq (Co-60)
Detector:	Geiger-Müller pancake, max. diameter: 53.6 mm; active diameter 44.5 mm, active counter surface 15.55 cm <sup>2</sup> , input window: 2.0 mg/ cm <sup>2</sup> , HV range 500 V
Power supply:	2 batteries type AA (LR6)
Operation temperature range:	-10° C till +40° C
Dimensions / Weight:	82 x 24 x 139 mm 315 g (incl. batteries)



instrument back side



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