

NHC7

This equipment is a scintillation survey meter (energy compensated) to measure gamma (X) rays.

FEATURES

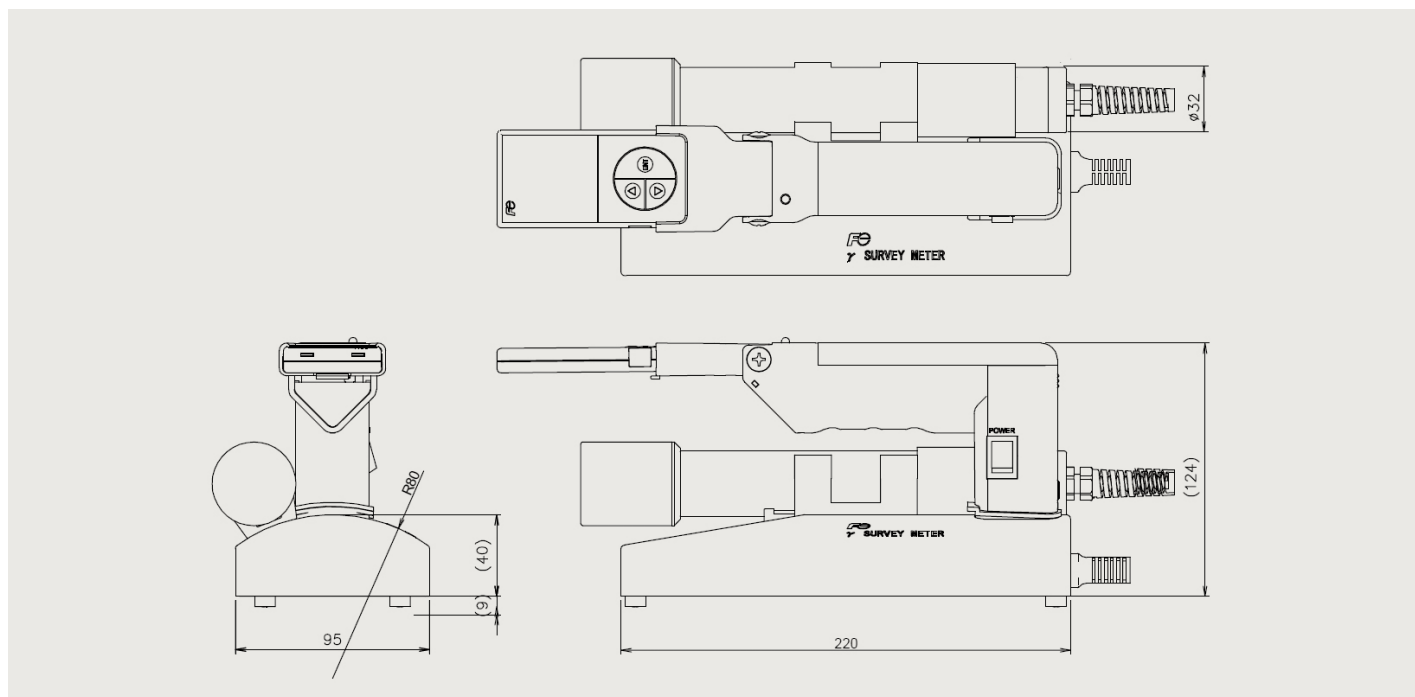
- Measurement mode, dose rate, count rate, dose
- Measurable for pulsed dose such as X-ray photography.
- Single channel peak analyzing function (2ch) for each nuclide.
- Measured values are displayed on the display
- Count monitor sound with buzzer
- Count monitor light with LED lighting.

Energy compensated scintillation survey meter



SPECIFICATIONS

Radiation detected	: Gamma (X) rays	
Detector	: NaI (TI) scintillator $\phi 25.4 \times \phi 25.4 \text{ mm}$ / f1 x t 1 in.	
Measurement range	: BG to 75.000 $\mu\text{Sv/h}$ ref. ^{137}Cs	
dose rate	: 0.000 to 99.999 μSv	
dose	: 0 to 100000 s^{-1}	
counting rate	SCA1 count rate	: 0 to 100000 s^{-1}
	SCA2 count rate	: 0 to 100000 s^{-1}
Accuracy	: $\leq \pm 20\%$	
Energy range	: 50 to 3000 keV	
Energy response	: $\pm 25\%$ (50 to 3000 keV)	
Angular dependence	: $\leq \pm 20\%$ (-90 to 90°)	
Response time	Dose rate	: 4 sec (1 to 10 $\mu\text{Sv/h}$)
	counting rate	: 20 sec (1 to 10 s^{-1})
Display	: Organic EL display	
Historical data storage	: 1500 points approx.	
Battery life	: Displays continuously 10 hours or more Displays intermittently 20 hours or more (displays 1min, during 5min.)	
Data output	: USB interface for PC	
Power supply	: AA Alkaline batteries (LR6) $\times 6$ cells 100 to 240V AC with AC adaptor AA Ni-H rechargeable battery $\times 6$ cells (option)	
Operating temperature	: 0 to 40°C / 32 to 104°F	
Operating humidity	: $\leq 90\%$ (non-condensing)	
Size	: 95(W) \times 124(H) \times 220(D) mm / 3.74(W) \times 4.88(H) \times 8.66(D) in. approx.	
Mass	: 1.3 kg / 2.86 lb approx. (including batteries)	
Compliance code	: IEC60846-1 (2009), JIS Z4333 (2006)	

**⚠ CAUTION**

*Read the instruction manual provided before using this product, to make sure you operate it safely.

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