

NHC7

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

FEATURES

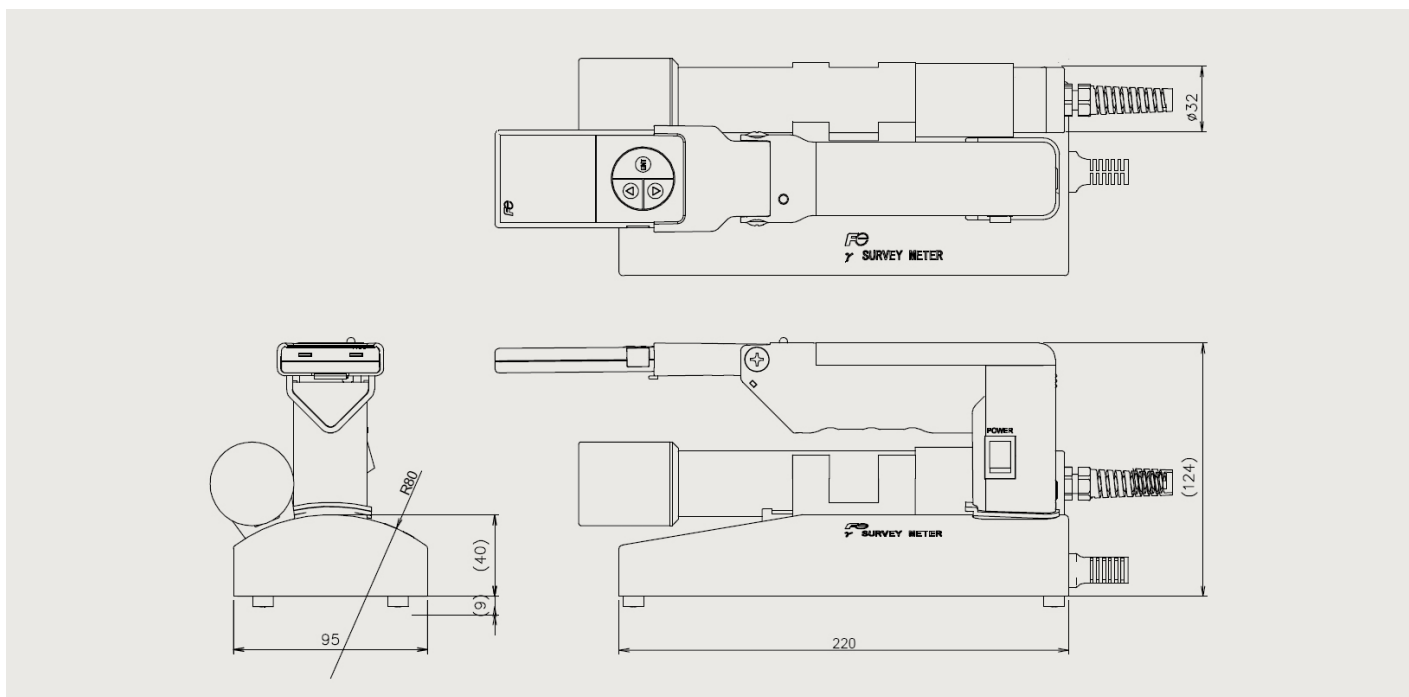
- Measurement mode, dose rate, count rate, dose
- Measurable for pulsed dose such as X-ray photography.
- Single channel peak analyzing function (2ch) for each nuclide.
- Measured values are displayed on the display
- Count monitor sound with buzzer
- Count monitor light with LED lighting.

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		
dose rate		: BG to 75.000 $\mu\text{Sv/h}$ ref. ^{137}Cs
dose		: 0.000 to 99.999 μSv
counting rate		: 0 to 100000 s^{-1}
	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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