

NHC6

The survey meter is designed to measure X-ray, gamma ray dose and dose rate. Ambient dose equivalent (rate) $H^*(10)$ ($\dot{H}^*(10)$) is displayed directly.

FEATURES

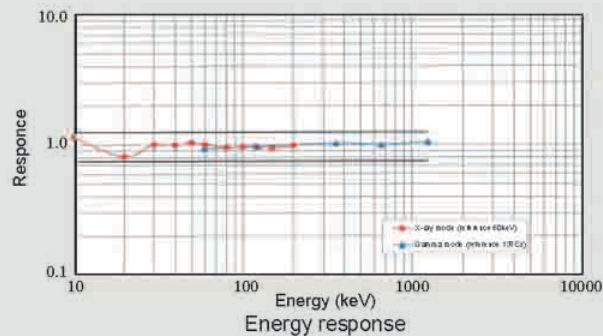
- Ideal for a wide range of energy measurement (8 keV to 1500 keV)
- Measures $H^*(10)$ and $\dot{H}^*(10)$
- Audible detection beep
- High-visibility display
- Easy to select operation mode
- USB interface for PC
- Compact and lightweight

Wide Energy Range Survey Meter

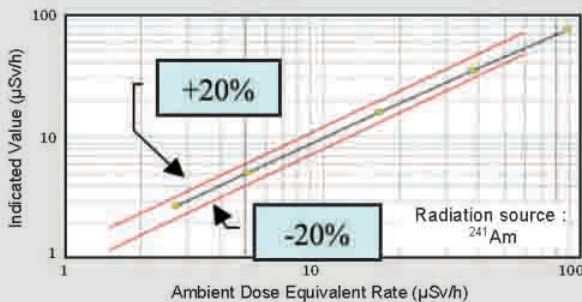


SPECIFICATIONS

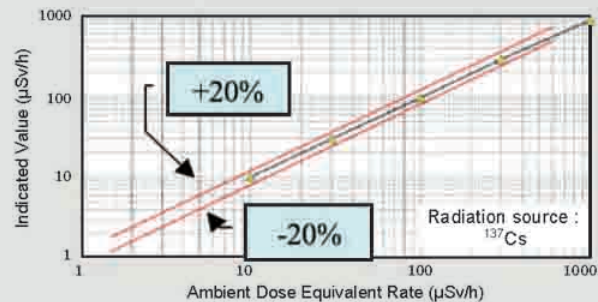
Radiation detected	: X-rays and gamma rays	
Detector	: NaI (TI) scintillator $\Phi 12.7 \times t 12.7\text{mm} / \Phi 1/2 \times t 1/2 \text{ in.}$	
Measurement range		
dose rate	X-ray mode	: BG to 60.000 $\mu\text{Sv/h}$ ref. ^{241}Am (BG : background)
	gamma ray mode	: BG to 600.00 $\mu\text{Sv/h}$ ref. ^{137}Cs
dose	: 0.000 to 99.999 μSv	
counting rate	: 0 to 99999 s^{-1}	
count	: 0 to 99999 kcount	
Accuracy	: $\leq \pm 20\%$	
Energy range	X-ray mode	: 8 to 300 keV
	gamma ray mode	: 50 to 1500 keV
Energy response	X-ray mode	: $\pm 25\%$ (10 to 200 keV)
	gamma ray mode	: $\pm 25\%$ (50 to 1500 keV)
Angular dependence	: $\leq \pm 20\%$ (-90 to 90°)	
Response time	X-ray mode	: 4 sec (0.1 to 1 $\mu\text{Sv/h}$)
	gamma ray mode	: 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 13 hours or more Displays intermittently 22 hours or more (displays 1min, during 5min.)	
Data output	: USB interface for PC	
Power supply	: AA Alkaline batteries (LR6) $\times 6$ cells AA Ni-H rechargeable battery $\times 6$ cells (option) 100 to 240V AC with AC adaptor (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	: 1.06 kg / 2.34 lb approx. (without batteries)	
Compliance code	: IEC60846-1 (2009), JIS Z4333 (2006)	



Energy response



The linearity of the indicated value (X-ray mode)



The linearity of the indicated value (gamma ray mode)

CAUTION

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

Fuji Electric Systems Co., Ltd.**Headquarters**

Sales Group, International Sales Div.

Gate City Ohsaki, East Tower, 11-2, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032, Japan

Phone: +81-3-5435-7275, FAX: +81-3-5435-7437