

NHE3

X-Gamma Silicon Survey Meter for measuring the dose rate in work places in radiation controlled areas and other facilities. Simple to use, compact and lightweight.

FEATURES

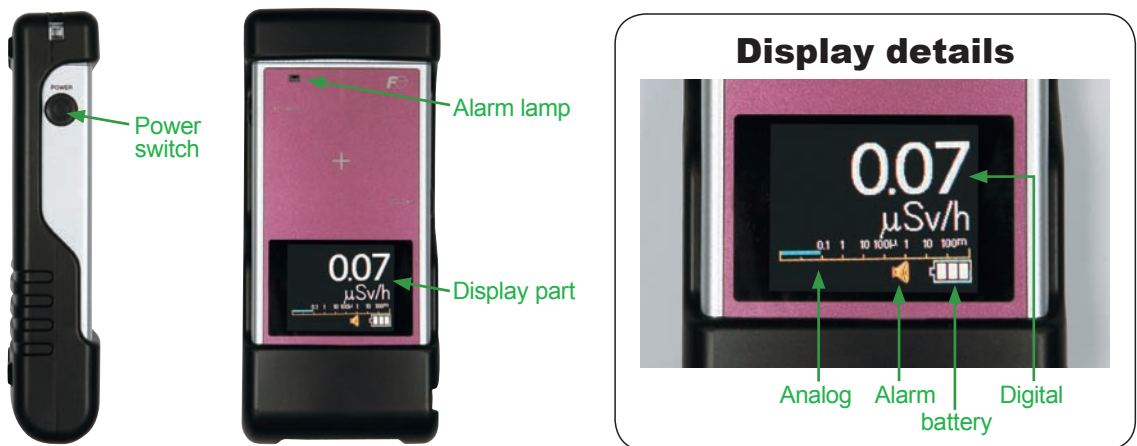
- Multi-sensor high sensitivity and quick response time.
- Superb visibility through use of color organic EL display.
- Excellent Shock Tolerance.
- Wide measuring range of 0.1 $\mu\text{Sv/h}$ to 999.99 mSv/h.
- Small, lightweight, user-friendly, can be operated with one hand.

X-Gamma Silicon Survey Meter



SPECIFICATIONS

Radiation detected	: X-rays, gamma rays
Detector	: Silicon semiconductor
Measuring range	: 0.1 μ Sv/h to 999.9 mSv/h
Accuracy	: $\leq \pm 10\%$ (2 μ Sv/h to 999.9 mSv/h : ^{137}Cs ref.) $\leq \pm 20\%$ (0.1 μ Sv/h to 2 μ Sv/h : ^{137}Cs ref.)
Energy range	: 50 keV to 6 MeV
Energy dependence	: $\leq \pm 30\%$ (50 keV ~ 1.5 MeV : ^{137}Cs ref.)
Angular response	: $\leq \pm 25\%$ (horizontal: $\pm 180^\circ$ vertical: -60 to $+240^\circ$: ^{137}Cs)
Display	: Color Organic EL Display (5 digit)
Display range	: 0.00 μ Sv/h to 999.99mSv/h
Display function	: Display unit (μ Sv/h / mSv/h) with automatic switching Overflow alarm display Low-voltage battery alarm display
Battery life	: Displays continuously 3 hours or more Displays intermittently 12 hours or more (displays 1min, during 5min.)
Data output	: Infrared interface (measurement data: 600 points)
Shock tolerance	: Within $\pm 10\%$ Can withstand 1.5m vertical drop.
Waterproof	: Water resistant
Power supply	: AA Ni-H rechargeable battery \times 1 cell or AA Alkaline batteries(LR6) \times 1 cell
Operating temperature	: -10 to $+40^\circ\text{C}$ / 14 to 104°F
Operating Humidity	: $\leq 90\%$ RH (non-condensing)
Size	: 65(W) \times 150(H) \times 29(D) mm 2.56(W) \times 5.9(H) \times 1.14(D) in.
Mass	: 300 g / 0.66 lb approx.
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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