

NHE2

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 0.01 $\mu\text{Sv/h}$ to 99.9 mSv/h (1 $\mu\text{R/h}$ to 9.99 R/h)
- Small, lightweight, user-friendly, can be operated with one hand.

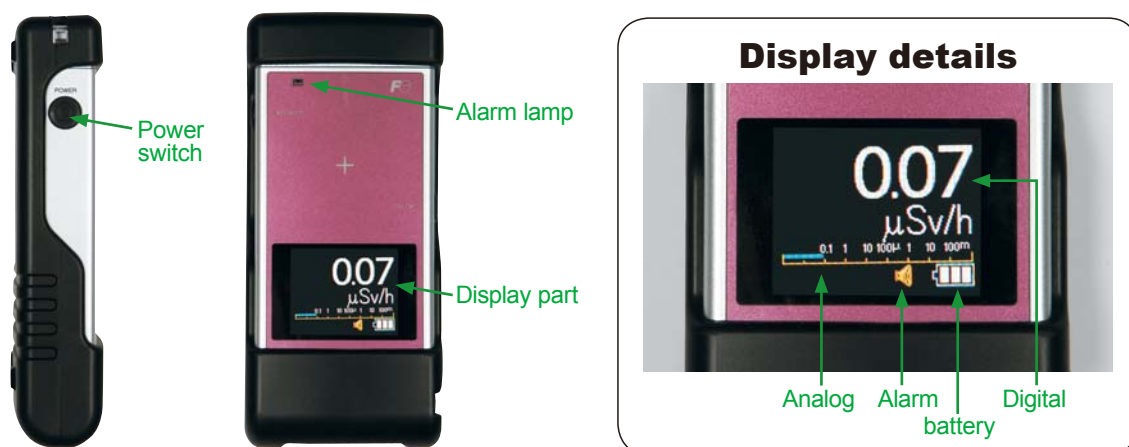
X-Gamma Silicon Survey Meter



SPECIFICATIONS

X-Gamma Silicon Survey Meter **NHE2**

Radiation detected	: X-rays, gamma rays
Detector	: Silicon semiconductor
Measuring range	: 0.01 μ Sv/h to 99.9 mSv/h / 1 μ R/h to 9.99 R/h
Accuracy	: $\leq \pm 10\%$ (2 μ Sv/h to 99.9 mSv/h / 200 μ R/h to 9.99 R/h : ^{137}Cs ref.) $\leq \pm 20\%$ (0.1 μ Sv/h to 2 μ Sv/h / 10 μ R/h to 200 μ R/h : ^{137}Cs ref.)
Energy range	: 60 keV to 6 MeV
Energy dependence	: $\leq \pm 30\%$ (60 keV ~ 1.5 MeV : ^{137}Cs ref.)
Angular response	: $\leq \pm 25\%$ (horizontal: $\pm 90^\circ$ vertical: $\pm 90^\circ$: ^{137}Cs)
Display	: Color Organic EL Display (5 digit)
Display range	: 0.01 μ Sv/h to 99.9 mSv/h / 1 μ R/h to 9.99 R/h
Display function	: Display unit (μ Sv/h / mSv/h / μ R/h / mR/h / R/h) with automatic switching Low-voltage battery alarm display Abnormal temperature alarm display Overflow alarm display
Battery life	: 12 hours or more (no display) 3 hours or more (displays continuously)
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°C / 14 to 104°F
Operating Humidity	: $\leq 90\%$ RH (non-condensing)
Size	: 66(W) $\times$ 146(H) $\times$ 32(D) mm 2.56(W) $\times$ 5.7(H) $\times$ 1.26(D) in.
Mass	: 400 g / 0.88 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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