Fuji Electric

Innovating Energy Technology

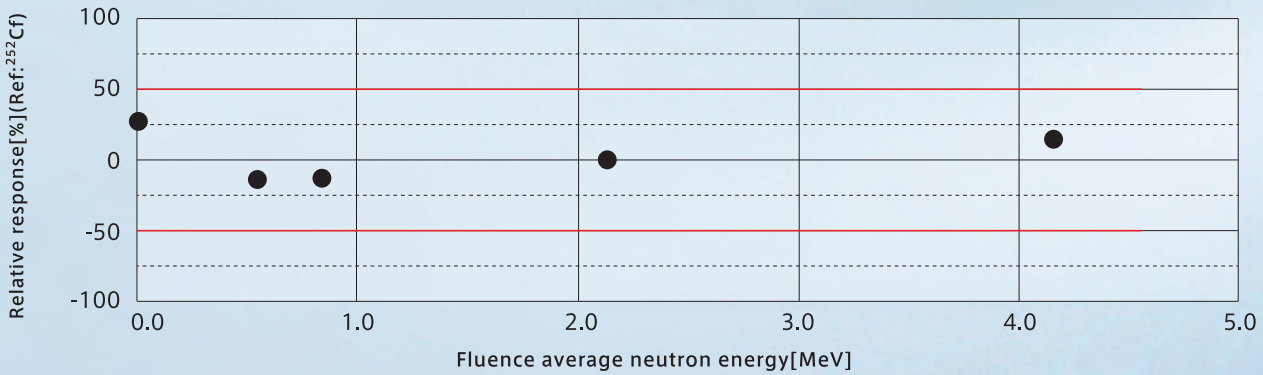
Portable Neutron Survey Meter

NSN3

- Lightweight
- No ^{3}He or BF_3
- Wide Range Measurement
- 3-Way Power Supply

Specifications

[Standard]	Compliant with IEC61005(2003) and JIS Z4341(2006)
[Radiation Measured]	Neutron H*(10)
[Detector]	Gas detector
[Measurement Range]	Dose rate: 0.01 μSv/h to 99.99 mSv/h (1 μrem/h to 9.99 rem/h) Dose: 0.01 μSv to 99.99 mSv (1 μrem to 9.99 rem)
[Accuracy]	Dose rate: ≤ ±20 % at 10 μSv/h (1 mrem/h) Dose: ≤ ±20 % at 1 μSv (0.1 mrem)
[Energy Range]	0.025 eV to 15 MeV
[Energy Dependency]	ICRP74 compliance(Response Curve of H*(10)/ϕ)
[Angular Dependence]	≤ ± 25 % (±90 degree from standard direction)
[Linearity]	≤ ± 20% (10 μSv/h(1 mrem/h) reference)
[Gamma-ray Sensitivity]	≤ ± 1% of indication at 10 mSv/h(1 rem/h)
[Display]	Five-digit Display (Dose rate, Accumulated dose)
[Communication]	Dose Rate, Accumulated Dose, Trend Data, Configuration Setting Data. (USB cable and software)
[Data Storage]	Number of Data Records: Up to 1200 Storage Cycle: 10, 20, 30, 60, 120, 300 or 600 seconds(selectable)
[Power Supply]	Primary battery or secondary battery (AA type x 6) AC adaptor (IN: 100 to 240 V AC)(option)
[Battery Life]	Up to 30 hours (depends on display condition)
[Operating Temperature]	-10°C to 45°C (14°F to 113°F)
[Operating Humidity]	35 to 90 %RH (non-condensing)
[Dimensions]	289.5(L) x 164(W) x 246(H) mm (11.4(L) x 6.5(W) x 9.7(H) in)
[Weight]	3 kg / 7 lb approx.



⚠ CAUTION

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

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Information in this sheet is subject to change without notice due to the product improvement.

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