

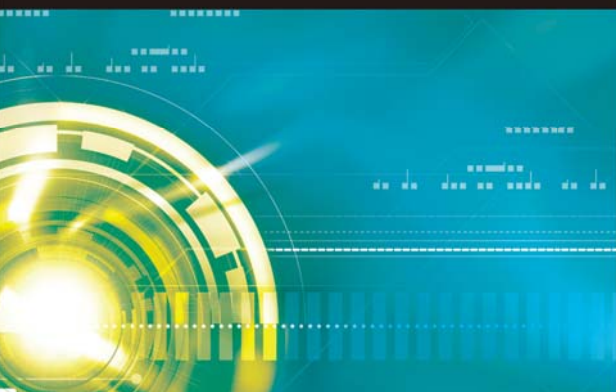
NAH3

The Portable monitoring post NAH3 realizes high-sensitive measurement over a wide range using NaI (Tl) scintillation monitor in normal range and semiconductor detector in abnormally high dose rate. The measurement data of environmental radiation is monitored continuously, transmitted to the Central monitoring system and then displayed and recorded. The monitor activates alarms to the Central monitoring system if radiation level exceeds the alarm threshold.

FEATURES

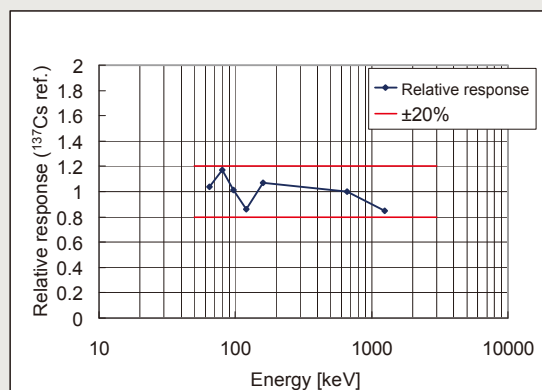
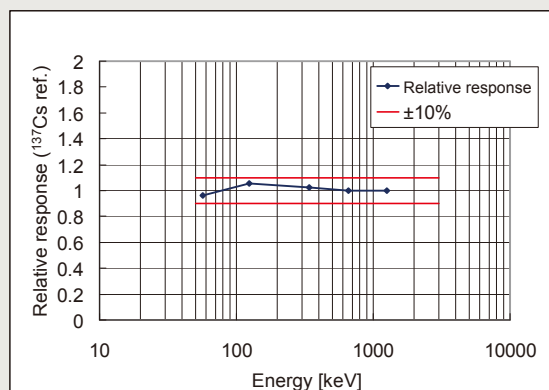
- Available for a wide range using NaI monitor (BG level to 10^4 nGy/h) and silicon semiconductor monitor (10^3 to 10^8 nGy/h)
- Compact design by integrating detector and measurement circuit
- NaI monitor equipped with energy compensation function for temperature change and energy deviation due to long-term operation
- Available without external power by utilizing secondary batteries and solar battery module (optional)

Portable Monitoring Post (2ch type)



SPECIFICATIONS

Nal monitor	1. Radiation detected	: Gamma rays
	2. Detector	: Nal (TI) scintillator
	3. Energy range	: 50 keV to 3 MeV
	4. Measurement range	: Dose rate 10 to 10 ⁴ nGy/h
	5. Dose rate characteristic	: Within ±10 %
	6. Energy dependence	: Within ±10 % (50 keV to 3 MeV, ¹³⁷ Cs ref.)
	7. Energy correction system	: DWM circuit system by G (E) function (DWM = Digital Weighting Method)
Silicon semiconductor detector	1. Radiation detected	: Gamma rays
	2. Detector	: Silicon semiconductor detector
	3. Energy range	: 50 keV to 3 MeV
	4. Measurement range	: Dose rate 10 ³ to 10 ⁸ nGy/h
	5. Dose rate characteristic	: Within ±20 %
	6. Energy dependence	: Within ±20 % (50 keV to 3 MeV, ¹³⁷ Cs ref.)
Common	1. Data transfer	: Ethernet, mobile phone line (optional)
	2. Data storage capacity	: Dose rate data (10 min) and equipment status: for approx. 2 months, spectrum: 150 data
	3. Display	: LCD, display unit (optional)
	4. Power supply	: 100 to 240 V AC, 50/60 Hz (charging optional secondary batteries or supplying power to each equipment) Secondary batteries (optional, operable for 7 days alone) Solar battery module (optional)
	5. Operating temperature	: 0 to +40 °C
	6. Operating humidity	: Within 90 %RH (non condensing)
	7. Size	: Approx. 400 (W) x 680 (H) x 300 (D) mm or less (except outshoot)
	8. Mass	: 25 kg (main unit)



Energy dependence

⚠ CAUTION

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

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