

Portable Gamma Survey Meter

NHLL



- | High Sensitivity
- | Wide Range Measurement
- | Compact and Lightweight
- | Easy Operation with Single Hand

Specifications

MODEL	NHL3	NHL4
[Radiation Measured]	Gamma (X) rays	
[Energy Range]	50 keV to 6 MeV	
[Measurement Range]	Dose Rate	0.01 μ Sv/h to 99.99 mSv/h 0.001 μ R/h to 9.999 R/h
	Accumulated Dose	0.001 μ Sv to 99.99 mSv 0.001 μ R to 9.999 R
[Energy Response]	$\leq \pm 30\%$ (60 keV to 1.5 MeV, ¹³⁷ Cs reference)	
[Accuracy]	$\leq \pm 10\%$ (1 μ Sv/h to 99.99 mSv/h)	$\leq \pm 10\%$ (0.1 μ Sv/h to 99.99 mSv/h, 10 μ R/h to 9.999 R/h)
[Angular Response]	$\leq \pm 25\%$ (Horizontal/ Vertical ± 90 degree : ¹³⁷ Cs except Battery direction)	
[Time Constant Setting]	Standard deviation fixed mode or Time constant fixed mode (switchable) Time Constant : 3 level setting (3 seconds, 10 seconds, 30 seconds)	
[Display]	LCD	
[Indication Data]	Current dose rate, Maximum dose rate, Accumulated dose, Alarm setting values, Battery indication and Time indication	
[Sound Function]	Counting and Alarm sound	
[Power Supply]	Standard AA Batteries (LR6) x 2 Alkaline or Nickel-metal-hydride (USB supply, recharging possible)	
[Battery Lifetime*]	≥ 72 hours	≥ 48 hours
[Communicating Functions]	USB	USB, GPS
[Operating Temperature]	-20°C to 50°C (-4°F to 122°F)	
[Operating Humidity]	$\leq 95\%$ RH (Non-condensing)	
[Degree of Protection (IP Code)]	IP54	
[Dimensions]	60 (W) x 27 (D) x 120 (H) mm approx. (2.4(W) x 1.1(D) x 4.7(H) in approx.)	
[Weight]	Less than 230 g / 0.51 lb	Less than 260 g / 0.57 lb

*Continuous operation, when counting sound OFF, communication function OFF
1R=100Sv

CAUTION

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



Headquarters sales Dept. III
Global Energy Div. Sales Group

Gate City Ohsaki, East Tower, 11-2, Osaki 1-chome, Shinagawa-ku, Tokyo 142-0032, Japan
Phone: +81-3-5435-7276, FAX: +81-3-5435-7436 <http://www.fujielectric.com/products/radiation/>

US & America's Distributor

SME ASSOCIATES LLC

1180 8th Ave W Suite 135
Palmetto, FL 34221
941-845-4844

www.smeassoc.com