

## 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 $\mu$ Sv/h to 99.99 mSv/h 0.001 $\mu$ R/h to 9.999 R/h
	Accumulated Dose	0.001 $\mu$ Sv to 99.99 mSv 0.001 $\mu$ R to 9.999 R
[ Energy Response ]	$\leq \pm 30\%$ (60 keV to 1.5 MeV, $^{137}\text{Cs}$ reference)	
[ Accuracy ]	$\leq \pm 10\%$ (1 $\mu$ Sv/h to 99.99 mSv/h)	$\leq \pm 10\%$ (0.1 $\mu$ Sv/h to 99.99 mSv/h, 10 $\mu$ R/h to 9.999 R/h)
[ Angular Response ]	$\leq \pm 25\%$ (Horizontal/ Vertical $\pm 90$ degree : $^{137}\text{Cs}$ 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* ]	$\geq 72$ hours	$\geq 48$ 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.



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

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