

Brief introduction to HD-2000 Gamma indicator

1. Product exhibition

HD-2000 professional



HD-2000 portable



2. Application

HD-2000 gamma ray indicator, which measures the gamma intensity of material, can be used in uranium exploration, environmental radiation assessment and monitoring, custom inspection, and etc.

3. Technical parameter

3.1. Measuring range

item	range	unit
content	1 to 30000	U γ
exposure rate	0.3 to 5000	nC·kg ⁻¹ ·h ⁻¹
absorbed dose rate	0.01 to 300	μ Gy/h (in air)
dose equivalent rate	0.01 to 360	μ Sv/h (in air)

3.2. Sensibility

item	sensibility	unit
content	≥ 5	$5s^{-1}/U\gamma$
exposure rate	≥ 30	$30s^{-1}/nC \cdot kg^{-1} \cdot h^{-1}$

3.3. Energy threshold

40keV

3.4. Instrument error

$\leq 5\%$

3.5. Repeatability error

$\leq 5\%$

3.6. Power

6V (Four 1.5V dry accumulators)

3.7. Energy consumption

200mW

3.8. Work environment

item	range	unit
temperature	-10 to 50	°C
humidity	≤95	% (at 40°C)

3.9. Size

item	size	unit
portable	320×50×215	mm
professional	655×50×215	mm

For more information, please refer to:

http://www.bjhdkj.com/Mineral_3/product_20.html