

RADIATION DOSIMETER LTDOS8-1



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Used in Nuclear radiation detection, Soil surface radiation pollution detection, Agricultural radiation pollution detection, Radioactive detection, Personal dose monitoring alarm, Industrial X-gamma NDT radiation detection, Radioactive radiation laboratory detection.

Also known as Radiation Dosimeter.

LTDOS8-1 RADIATION DOSIMETER

Use efficient import MICA geiger detector.

Dose rate alarm threshold setting, super threshold alarm.

Flash and sound pulse frequency indicating radiation intensity.

Sound, vibration, light real-time clock alarm function.

Ultra-low power design battery real-time instructions.

Menu operation interface.

Unit shown CPM, CPS, Bq/cm², μ Gy/h, μ Sv/h.

Adopts analog and digital display scale, more clear and intuitive.

Slide out detector protection and unique ray shielding plate.



SPECIFICATIONS

Model	LTDOS8-1
Temperature range	- 40°C to 50°C
Humidity range	Relative humidity of 90% or less (40°C)
Measuring range	Count rate 0~500000 CPM, 0~8000 CPS
Radiation equivalent dose rate(EDR)	0.01 - 10000 uSv/h
Agent sensors	Mica geiger counter, diameter: 45 mm
Energy ranges of measurement	25 KeV – 7 MeV
Detection efficiency	Sr - 90 (546 KeV, 2.3 MeV beta Max) is about 75% of Am - 241 (5.5 MeV alpha) of about 36%
Acuity	3500 CPM/mR/h (for Cs – 137)
Instrument background	80 CPM or less
Basic relative errors	15% or less
Power	5 batteries or rechargeable batteries 2 section
Power consumption	The machine current 8 ma or less
Instrument (size and weight)	160x85x38 mm
0.5 kg	Portable box (size and weight)
260x206x126 mm	0.9 kg



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