

MC1K

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The MC1K is a handheld survey meter using a built-in energy compensated GM detector. It detects gamma and x-rays up to 1000 mR/hr over 4 selectable ranges. A beep sounds and a count light flashes with each event detected.



Specifications:

Detector:

Energy compensated halogen-quenched GM tube.

MC1K Energy Sensitivity:

- Detects gamma and x-rays down to 40 keV.
- Response is flat from 40 keV up.
- Normal background, approximately 4 CPM.

Accuracy: $\pm 15\%$ of full scale (referenced to Cs-137).

Range Switch: X1, X10, X100.

Operating Range: 0 to 1000 mR/hr and 0 to 10 mSv/hr (milli-Sievert per hour).

Anti-Saturation: Meter will hold at full scale in fields as high as 100 times the maximum reading.

Audio Indicator: Internally mounted beeper.

Power Requirements: One 9-volt alkaline battery. Battery life is up to 2,000 hours at normal background radiation levels.

Temperature Range: -20°C to 55°C (-4°F to 131°F).

Size: 145 x 72 x 38 mm (5.7 x 2.8 x 1.5 in.).

Weight: 188 grams (6.4 oz.) without battery.

Includes: Carrying Case, 1 year limited warranty, and CE mark

Options: Belt Clip

