


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.



Detector

Compensated halogen-quenched GM tube.

Operating Range

0 to 1000 mR/hr and 0 to 10 mSv/hr.

Range Switch

X1, X10, X100, X1000.

Accuracy

Typically $\pm 15\%$ of reading (referenced to Cs-137).

MC1K Energy Sensitivity

Detects gamma and x-rays down to 40 keV.

Response is flat from 40 keV up.

Normal background, approximately 4 CPM.

Audio Indicator

Internally mounted beeper.

Anti-Saturation

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

Power Requirements

One 9-volt alkaline battery.

Battery Life

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).

Weight

188 grams (6.4 oz.) without battery.

Size

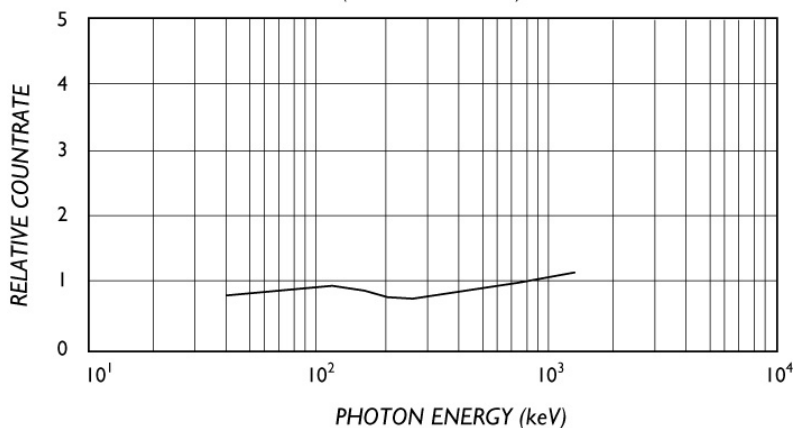
145 x 72 x 38 mm (5.7 x 2.8 x 1.5 in.).

Warranty

1 year limited warranty



MC1K ENERGY RESPONSE
(Relative to Cs-137)



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QUALITY HANDHELD DETECTORS