

Portable Radiation Detectors



SPECIFICATIONS

Sensor: Halogen-quenched Geiger-Müller detector tube (Gold Standard) with 3mm glass wall (Density is 48mg/cm³)

Dual Scale Display: Analog logarithmic

Display Range: 10 mR/hr and 100 μ S/hr (Cs-137)

Factory Calibration: Cesium 137 (gamma)

Sensitivity: about 250 cpm / 0.1mR/hr (10 μ S/hr) referenced to Cs-137

Accuracy: \pm 20% (typical)

Dual Scale:

DX -1 0-100 μ Sv/hr and 0-10mR/hr \pm 20%

DX -2 0-1000 μ Sv/hr and 0-100mR/hr \pm 15%

Indicator light: Red LED confirms unit is operating and battery power is OK

Beeper: Chirps (clicks) for each gamma or Beta detected and alerts with audible beeping when radiation is above 10mR/hr (beeping frequency increases as radiation increases to 20mR/hr)

Power: One 9-volt alkaline battery

Dimensions: 3 1/4" X 6 3/4" X 1 1/2" thick

Weight: 216 grams (7.6 oz) including battery



Do you know if you are being exposed to harmful radiation? The DX-1 affordable hand-held portable radiation meter is small enough to go anywhere and as sensitive as the \$1000 professional models since DX-1 detects minuscule amounts of gamma, beta or X-rays. The unit's GM tube detects all gamma and beta isotopes released by nuclear power plants such as iodide and cesium. It is ideal for Homeland Security and for detecting environmental / industrial contamination. It can be used to screen for radiation in air, food and water. Designed for nontechnical persons the DX-1 uses a very sensitive 200VDC, Geiger Müller tube detector; and yet offers easy one-button operation. Visual and audible warnings are made by clicks from an internal speaker and given by the compressed-scale, analog meter. Powered by a 9-Volt battery (included) that will last 50 hours at normal background levels. An Audible alarm is triggered when radiation levels exceed 10mR/hr, increasing in frequency in proportion to the radiation level. An LED indicator alerts you that meter is on and of battery condition upon each use. The DX-1 was developed after the Three Mile Island nuclear meltdown and was the most popular Radiation Detector that was sold after the Chernobyl Nuclear Meltdown for official and private citizen use. Over 20,000 DX-1 have been sold worldwide since 1982.

Each meter includes an instruction manual that contains basic operating information and information on the various types of radiation. The DX-1 instruments will last many years. Each unit comes with a 5-year warranty on the electronics and a 1-year warranty on the GM tube! Any warranty work is covered directly through the manufacturer, Industrial Test Systems, Inc.

Product	Part Number	Description	Retail Price
DX-1	DX-1	0-10 mR/hour (0-100 uSv/hr) - Factory-Calibrated	\$350.00
DX-2	DX-2	0-100 mR/hour (0-1000 uSv/hr) - Factory-Calibrated with Recalibration feature	\$390.00



1-800-861-9712 or SENSAFE.com