

The new DX-2b handheld Radiation Monitor



Industrial Test Systems, Inc. (ITS)



Proact Chemicals is proud to announce the new DX-2b affordable handheld portable radiation meter. Similar to the DX-1 and DX-2 models it is small enough to go anywhere and as sensitive as the \$1000 professional models since DX-2b detects minuscule amounts of gamma, beta or X-rays. The unit's military grade 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-2b 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 display. 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 RDX units were 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 radiation detectors under the RDX Nuclear brand have 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-2b 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! These GM tubes last for over 20 years.

SPECIFICATIONS

GM Tube Sensor	:	10mm X 30mm, 3mil (very thin) stainless steel Geiger-Müller detector tube (military grade SI-29BG)
Dual Scale Display	:	Analog logarithmic scale displaying both mR and μ Sv
Audible Click Rate	:	3 CPM/0.03mR/h (background) and 100 counts per minute (CPM) /0.2mR/h
Analog Display Range	:	0-100 mR/hr and 0-1000 μ Sv/hr (Cs-137)
Factory Calibration	:	Cesium 137 (gamma)
Calibration to the Following Accuracy	:	typically -0% and +35% for optimum contamination detection
Alert	:	Meter gives audible alarm when Radiation approaches 50mR/hr or 500 μ Sv/hr (DANGER LEVELS)
Indicator light	:	Red LED confirms unit is operating and battery power is OK
Beeper	:	Chirps (clicks) for each gamma or Beta detected
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

