



RADIATION DETECTION



GATE MONITORS

LUDLUM 4525 SERIES RADIATION DETECTION SYSTEM

Model 4525 Series Radiation Portal Monitors

The Model 4525 Series of Radiation Detection Portal Monitors (RPMs) represents advanced technology for detecting low levels of radiation, such as orphan radiation sources and NORM (naturally occurring radioactive materials), at scrap and recycling facilities. These systems feature large detectors optimally arranged to monitor items passing through. Systems can be configured with two to six detector panels, each containing 3500 cu in (57 liters) of plastic scintillation material. Start with a base system and add desired options such as pre-fabricated detector stands, remote annunciator panel, strobes, speed sensors and wireless telemetry.



PART NO.	4525-7000	4525-10500	4525-14000
NUMBER OF DETECTORS	2	3	4
DETECTOR VOLUME (L)	115 L	172 L	229 L
DETECTOR VOLUME (IN ³)	7000 IN ³	10500 IN ³	14000 IN ³

OPTIONAL ACCESSORIES



Remote Annunciator Panel



Wireless System



Strobe & Horn



Camera



Strobe



800.321.3396
nascoop.com



HAND HELDS

LUD-48-1615

MODEL 19 HAND HELD MICRO-R SURVEY METER



The model 19 has an internally mounted 1" x 1" sodium iodide detector, sensitivity: typically 175 CPM/Micro R/HR, range selections, 0-25, 0-50, 0-250, 0-500, 0-5000, The cast aluminum instrument housing with its separate battery compartment and accompanying metal handle offer an industrial robustness and quality that promote long lasting protection and instrument life. The model 19 has a built in unimorph speaker with on/off switch, uses two "D" cell batteries, weight 4.5 lbs.

LUD-48-2945

MODEL 192 HAND HELD MICRO-R ALARMING SURVEY METER



1" x 2" sodium iodide detector internally mounted, sensitivity: typically 700 CPM/Micro R/HR, meter dial 0-5 Micro-R/HR, multipliers: x1, x10, x100, x1000, alarm: a fixed alarm point can be set or a quick deviation alarm, built in unimorph speaker with on/off switch, uses two "D" cell batteries, weight 5 lbs.

LUD-48-4091

MODEL 3019 DIGITAL SURVEY METER, INTERNAL PROBE



The model 3019 is a lightweight, ergonomically-designed instrument with an internally mounted 1" x 3/4" cesium iodide scintillator detector, sensitivity: typically 175 CPM/Micro R/HR used for gamma radiation survey of background to 50 mR/hr. This instrument features alarm points that can be set through Setup Mode using the onboard keypad. The 3019 features a large easily-readable LCD, piercing audio warning, and a splash resistant high-impact plastic case. Uses four (4) AA alkaline batteries included, weight 2.3 lbs.

 **LUDLUM**
MEASUREMENTS, INC.

SURVEY WANDS



LUD-48-4284

MODEL 3006 SURVEY WAND

The Model 3006 is a portable and versatile instrument with extended reach used for gamma or X-ray radiation survey. A sensitive plastic scintillator detector is mounted at the end of a pole for ease of use when surveying trucks, scrap metal, or other areas of concern. 15.2 X 2.5 cm plastic scintillator; Sensitivity typically 2500 cps per uSv/h; 3 digit LCD display with large 20mm digits, Low battery indicator, MAX, ALARM, AUDIO; Runs on 4 AA batteries, Weight (without batteries) 7lb. Length: 46.5"

AREA MONITORS



LUD-48-3458

LUDLUM 375-600 SMALL AREA RADIATION MONITOR

The Model 375-600 is a highly integrated, high-sensitivity gamma measurement system that combines all components into one convenient package, thus making installation simpler and less costly. The internal detector is a 10.3 L (630 in³) plastic scintillator shielded on five sides with 0.32 cm (0.125 in.) lead. The controller is Ludlum's popular Model 375 digital controller, which is located at one end of the cabinet. A red strobe is mounted on the top along with a large, industrial strength alarm acknowledgement pushbutton. The detector is accessible from a removable panel, and the entire system sits on a plate, which can be bolted to the floor. A great choice for metal shops with smaller platform scales.