

Effective April 1, 2024

Manufacturer	Model Number	Weekly Rate	Monthly Rate	Comments
Meters				
Ludlum	3 w/ 44-2	\$75.00	\$150.00	MicroR Survey Meter with external detector. Often referred to as a NORM meter.
Ludlum	9	\$100.00	\$225.00	Ion chamber.
Ludlum	12	\$50.00	\$100.00	General purpose, handheld analog ratemeter.
Ludlum	19	\$75.00	\$150.00	MicroR Survey Meter.
Ludlum	177	\$50.00	\$100.00	Rugged benchtop ratemeter with an alarm.
Ludlum	2221R	\$75.00	\$190.00	Digital scaler-ratemeter with rs-232 and Bluetooth output.
Ludlum	2224	\$60.00	\$150.00	Dual-channel (alpha/beta) scaler/ratemeter.
Ludlum	2241	\$40.00	\$100.00	General purpose, handheld digital ratemeter/scaler.
Ludlum	2360	\$60.00	\$150.00	Dual-channel (alpha/beta) scaler/ratemeter/data logger.
Ludlum	2929 w/ 43-10-1	\$150.00	\$275.00	Dual-channel (alpha/beta) scaler with tray counter.
Ludlum	3030E w/ 43-10-1	\$150.00	\$275.00	Digital Dual-channel (alpha/beta) scaler with tray counter.
Ludlum	3000	\$75.00	\$190.00	Digital scaler-ratemeter with USB and Bluetooth output.
Thermo	MicroREM	\$100.00	\$250.00	Tissue-equivalent survey meter.
Thermo	RadEye PRD-ER	\$125.00	\$300.00	Personal Radiation Detector with extended range.
Detectors				
Ludlum	43-1	\$75.00	\$150.00	Alpha ZnS scintillator detector.
Ludlum	43-5	\$40.00	\$75.00	Alpha ZnS scintillator detector.
Ludlum	43-37	\$50.00	\$125.00	Gas-proportional 434 cm ² open area/584 cm ² active area detector. Often used with Ludlum Model 239-1F (see below in Radiological Other), or can be used individually with handle.
Ludlum	43-68	\$50.00	\$125.00	Gas-proportional 100 cm ² open area/126 cm ² active area handheld detector.
Ludlum	43-93	\$50.00	\$100.00	Dual-channel (alpha/beta) ZnS/plastic scintillator detector.
Ludlum	44-1	\$40.00	\$75.00	Beta plastic scintillator detector.
Ludlum	44-2	\$40.00	\$75.00	High-energy gamma 1-inch × 1-inch NaI(Tl) scintillator detector.
Ludlum	44-3	\$50.00	\$100.00	Low-energy gamma 2-inch × 0.04-inch NaI(Tl) scintillator detector.
Ludlum	44-9	\$15.00	\$35.00	Pancake-GM detector.
Ludlum	44-10	\$50.00	\$125.00	High-energy gamma 2-inch × 2-inch NaI(Tl) scintillator detector.
Ludlum	44-17	\$75.00	\$150.00	Low-energy gamma 2-inch × 0.08-inch NaI(Tl) scintillator detector.
Ludlum	44-20	\$250.00	\$500.00	High-energy gamma 3-inch × 3-inch NaI(Tl) scintillator detector.
Ludlum	44-40	\$30.00	\$60.00	Shielded Pancake-GM detector.
Ludlum	44-62	\$50.00	\$100.00	Low-level, wide-energy gamma 0.5-inch × 1-inch NaI(Tl) scintillator detector.
Ludlum	44-94	\$65.00	\$140.00	Pancake-GM four-detector array.

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Alpha Spectra	FIDLER	\$200.00	\$600.00	Field Instrument for Detection of Low Energy Radiation (FIDLER) 5-inch x 0.063-inch NaI(Tl) scintillator detector.
Radiological Check Sources				
The Source	Th-230	\$150.00	\$300.00	Alpha: NIST-traceable electroplated 47-mm check source. <i>Transfers to licensed users only.</i>
Eberline	Tc-99	\$75.00	\$150.00	Beta: NIST-traceable electroplated 47-mm check source.
Eberline	Sr/Y-90	\$75.00	\$150.00	Beta: NIST-traceable electroplated 47-mm check source.
Spectrum Tech	Cs-137	\$75.00	\$150.00	Gamma: 0.5-inch diameter button source.
Eberline	Co-60	\$75.00	\$150.00	Gamma: 0.5-inch diameter button source.
Thermo	Lutetium	\$75.00	\$150.00	For use with Thermo PRD-ER.
Radiological Other				
ERG	RadScout GPS Survey System	\$450.00	\$1,800.00	Juniper Systems Mesa ³ & Geode with ERG Radiological Survey Application. For use with user-preferred meter (Model 2221R or Model 3000) and detector (Model 44-10, Model 44-20, or FIDLER). Meter and Detector not included in price.
ERG	Model 102F	\$1,300.00	\$5,200.00	ERG real-time, indoor position-correlated dual-channel (alpha/beta) floor scanning array system. Price includes all components: control and data management laptop computer, detector array, cart, etc.
ERG	Model 104G	\$2,500.00	\$5,700.00	ERG GPS-array survey system w/ control and data management laptop computer. Detector(s) not included in price.
ERG	RIGS System	\$1,650.00	\$4,200.00	ERG real-time, indoor position-correlated gamma scanning system w/ control and data management laptop computer. Detector(s) not included in price.
ERG	UAV Gamma	<i>Call</i>	<i>Call</i>	UAV-based gamma survey system. <i>Call for pricing and discussion.</i>
Ludlum	239-1F	\$225.00	\$475.00	Floor cart for use with Model 43-37 and meter. Cart, Model 43-37 detector, gas-regulator, and flow-control box included in price.
GE Energy	RSS-131 HPIC	\$1,000.00	\$2,500.00	High-Pressure Ionization Chamber. Laptop computer not included in price ; software can be provided separately free or with ERG laptop for additional \$100/week or \$250/month expense. HPIC requires USDOT HAZMAT/DG shipper training. Call to discuss.
Ortec	RadEaglet	\$750.00	\$2,000.00	Digital hand-held Multi-channel analyzer (MCA). Rugged, lightweight, handheld Radioisotope Identification Device (RID) .
Ortec	DigiBase	\$150.00	\$300.00	USB-based 14-pin PMT Base. For use with 3-inch x 3-inch NaI(Tl) detector and laptop running Maestro software. Detector and laptop (with Maestro application) not included in price.
Canberra	Inspector 1000	\$400.00	\$950.00	Digital hand-held Multi-channel analyzer (MCA). Windows XP laptop for communication and spectra download included in price.
ERG	Computer	\$100.00	\$250.00	Dell laptop with various applications/system software for use with Ortec digiBASE, GE-Energy HPIC, etc.
Ludlum	Lead Shield: 4260-233	\$100.00	\$300.00	Lead shield for Model 44-10, 6-in. high x 3.65-in. wide with 0.68-in. thick lead side wall.

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ERG	Lead Shield: Counting Well	n/a	\$500.00	Nine pieces × 10-in. OD/7-in. ID (1.5-inch thick) segmented lead donut counting well.
Air Sampling & Industrial Hygiene				
MSA	Escort ELF	\$120.00	\$200.00	Personal/Breathing Zone (0.5 LPM to 3 .0 LPM) air sampler.
MSA	mini-BUCK M5	\$120.00	\$200.00	Digital primary flow calibrator for MSA Escort Elf.
BIOS	Defender 510	\$120.00	\$200.00	Digital primary flow calibrator for MSA Escort Elf.
F&J	LV-1D	\$100.00	\$150.00	Low-volume (20 LPM to 110 LPM) air sampler with 47-mm diameter filter holder.
Hi-Q	CF-903	\$100.00	\$160.00	High-volume (10 CFM to 50 CFM) air sampler with 4-in. diameter or 8-in. × 10.0-in. filter holder.
Miscellaneous Accessories & Supplies				
Zefon	37mm Filter	\$50.00/Box		Box: 100 filters, Type A/E glass fiber for use with MSA Escort Elf.
Zefon	37mm Cassette	\$50.00/Box		Package: 10 cassettes for 37mm filter for use with MSA Escort ELF.
Zefon	47mm Filter	\$50.00/Box		Box: 100 filters, Type A/E glass fiber for use with F&J LV-1D.
ERG	Smears	\$50.00/Box		Box: 250 removable contamination smears, 1.75-in. dia. cloth pre-mounted on folder.
ERG	Planchets	\$50.00/Bag		Bag: 100 planchets for use with tray counter.
Soil Sampling				
AMS	Riffle Splitter	\$25.00	\$75.00	Splitter to allow dividing samples into two equally representative subsamples.
AMS	Soil Sampler	\$100.00	\$250.00	Handle, post, and soil auger with 2-in. or 3-in. dia. auger bit.
AMS	Soil Sampler Kit	\$150.00	\$375.00	Kit includes a regular auger, a mud auger, three 4' extensions, 18" rubber-coated cross handle, a 10 lb. slide hammer, a cleaning brush, a universal slip wrench, and two adjustable crescent wrenches. Augers are 3.25-in. dia.