



# CATALOG

INDUSTRIAL HYGIENE  
RADIATION DETECTION  
INSTRUMENTATION

2025 Rates

[northwindgrp.com/north-wind-radiological-and-waste-services/](http://northwindgrp.com/north-wind-radiological-and-waste-services/)

# CONTENTS.



1

## [Radiation Instrumentation](#)



4

## [Industrial Hygiene Instrumentation](#)

## Welcome.

The North Wind instrumentation facility, located in Knoxville, TN, rents, calibrates and repairs Radiation Detection (RAD), Industrial Hygiene (IH) and air monitoring instruments of all makes and models from a variety of manufacturers.

North Wind proudly staffs experienced full-service instrumentation technicians. Our team provides the highest-quality services for most major manufacturer models. Unless otherwise requested, all calibrations are performed according to the requirements of ANSI N323AB-2013 and ISO 17025-2017.

*Our inventory is consistently expanding, and we strive to accommodate our customers' exact instrumentation needs. If a certain item is not listed, don't hesitate to get in touch with us.*

# Radiation Instrumentation

<b>SURVEY METERS—LUDLUM MODELS</b>	<u>Weekly*</u>	<u>Monthly*</u>
3 Survey Ratemeter	\$30	\$60
3000 Digital Survey Meter with Blue Tooth (BT)	\$78	\$150
12 Ratemeter/scaler	\$30	\$60
177 Alarm Ratemeter	\$35	\$114
2221 Ratemeter/scaler w/1-sec chip	\$55	\$185
3003 Digital Ratemeter/SCA with BT	\$85	\$250
2360 Alpha/Beta Datalogger	\$50	\$134
239-1F Floor Monitor w/2360 Datalogger and Detector	\$200	\$497

<b>DOSE RATE METERS</b>	<u>Weekly*</u>	<u>Monthly*</u>
Ludlum Model 19 Micro R Meter	\$35	\$107
Ludlum Model 9-4 Ion Chamber	\$50	\$100
Thermo Micro-Rem Low Energy Tissue Equivalent	\$80	\$220
Thermo Micro-Rem Tissue Eq Dose Rate	\$75	\$200
Thermo RO-20 Ion Chamber	\$60	\$142

<b>RADIATION DETECTORS—LUDLUM MODELS</b>	<u>Weekly*</u>	<u>Monthly*</u>
44-9 Geiger Counter	\$30	\$92
43-45 Alpha Air Proportional	\$30	\$92
43-93 Alpha/Beta Detector	\$35	\$102
43-10-1 Alpha/Beta Sample Detector	\$45	\$145
43-37 Gas Flow Proportional Detector	\$45	\$132
44-10 NaI 2X2 Detector	\$50	\$150
44-20 NaI 3X3 Detector	\$125	\$350

\* Instrumentation rates are based on a quantity of one each. Contact us for volume, long-term, and/or inter-company discounts.

# Radiation Instrumentation (cont.)

<b>SAMPLE COUNTERS</b>	<u>Weekly*</u>	<u>Monthly*</u>
Ludlum Model 2929 Alpha/Beta Smear Counter	\$90	\$240
Ludlum Model 3030 Alpha/Beta Smear Counter	\$95	\$282
Ludlum Model 3030E Alpha/Beta Scaler Counter	\$95	\$282
Protean Smear Counter Model ASC-950	--	\$2,933

<b>SOURCES</b>	<u>Weekly*</u>	<u>Monthly*</u>
Lantern Mantle Exempt Check Source (NORM)	--	\$15
Cs-137 Calibration Source (0.5 uCi)	--	\$150
Cs-137 Check Source (1 uCi)	--	\$100
Cs-137 Check Source (10 uCi)	--	\$100
Co-60 Calibration Source (1 uCi)	--	\$150
SrY-90 Check Source (0.2 uCi)	--	\$100
Tc-99 Calibration Source (6,900 dpm)	--	\$150
Th-230 Calibration Source (21,000 dpm)	--	\$150
Th-230 Calibration Source (11,100 dpm)	--	\$150
Tc-99 Check Source (11,100) dpm	--	\$100

<b>AIR SAMPLERS</b>	<u>Weekly*</u>	<u>Monthly*</u>
F&J LV-22 Air Sampler/Environmental Enclosure	--	\$200
F&J LV-1D Low Volume Air Sampler	--	\$100
F&J DF-AB-40L Emergency Response AC/DC Air Sampler w/Solar	--	\$375
F&J DF-AB-75L Emergency Response AC/DC Air Sampler w/Solar	--	\$375
Hi-Q MRV-523 Gooseneck Air Sampler	--	\$145

\* Instrumentation rates are based on a quantity of one each. Contact us for volume, long-term, and/or inter-company discounts.

# Radiation Instrumentation (cont.)

AIR SAMPLERS (cont.)	Weekly*	Monthly*
TSI ES-642 Dust Monitor TSP Real-Time	--	\$955
TSI AM520 Side Pak Personal Dust Monitor	--	\$620
Thermo pDR-1200/1000 Personal Dust Monitor	--	\$575
Buck Libra Plus LP-12 Breathing Zone Air Sampler	--	\$154
Buck Libra Plus LP-5 Breathing Zone Air Sampler w/Cyclone	--	\$195
Sensidyne GilAir5 Breathing Zone Air Sampler	--	\$154

\* Instrumentation rates are based on a quantity of one each. Contact us for volume, long-term, and/or inter-company discounts.



# Industrial Hygiene Instrumentation

<b>GAS MONITORS</b>	<u>Weekly*</u>	<u>Monthly*</u>
MultiRae PGM-6228 Kit 5-Gas Monitor	\$295	\$700
MultiRae MiniRae 3000+ Kit 5-Gas Monitor	\$295	\$700
Jerome J405 Gold Film Mercury Vapor Analyzer	\$320	\$800
Radstar Alpha 310 Radon Monitor	--	\$139

<b>SOUND PRESSURE/NOISE LEVEL METER</b>	<u>Weekly*</u>	<u>Monthly*</u>
Extech 407732 Kit	--	\$100
Quest Edge 7 Personal Noise Dosimeter	\$75	\$329

<b>HEAT STRESS MONITORS (WGBT)</b>	<u>Weekly*</u>	<u>Monthly*</u>
Extech HT30-NISTL	--	\$100
TSI QT-46 Heat Stress Monitor	--	\$450

<b>SPECIALTY EQUIPMENT</b>	<u>Weekly*</u>	<u>Monthly*</u>
Trimble GEO 6000 GIS Survey System (Cm option)	--	\$1,900
Ludlum Model 500-2 Pulser Digital HD Display	\$120	\$300

<b>AIR FLOW CALIBRATORS</b>	<u>Weekly*</u>	<u>Monthly*</u>
Dry Cal Defender 520 High Flow (300 mLpm-30Lpm)	\$60	\$200
Dry Cal Defender 510 Mid Flow (50 mLpm-5 Lpm)	\$60	\$200
F&J Air Flow Calibrator D-803V2	\$60	\$200
BGI DeltaCal DC200	\$60	\$200

\* Instrumentation rates are based on a quantity of one each. Contact us for volume, long-term, and/or inter-company discounts.



#### Address

2800 Solway Road  
Knoxville, TN 37931  
(865) 413-1021



[northwindgrp.com/north-wind-radiological-and-waste-services/](http://northwindgrp.com/north-wind-radiological-and-waste-services/)



#### Points of Contact

- Andy Williams, President, North Wind Radiological & Waste Services | [andy.williams@northwindgrp.com](mailto:andy.williams@northwindgrp.com) | (419) 707-2135
- Carl Speer, Instrumentation Manager  
[carl.speer@northwindgrp.com](mailto:carl.speer@northwindgrp.com) | (865) 740-6440