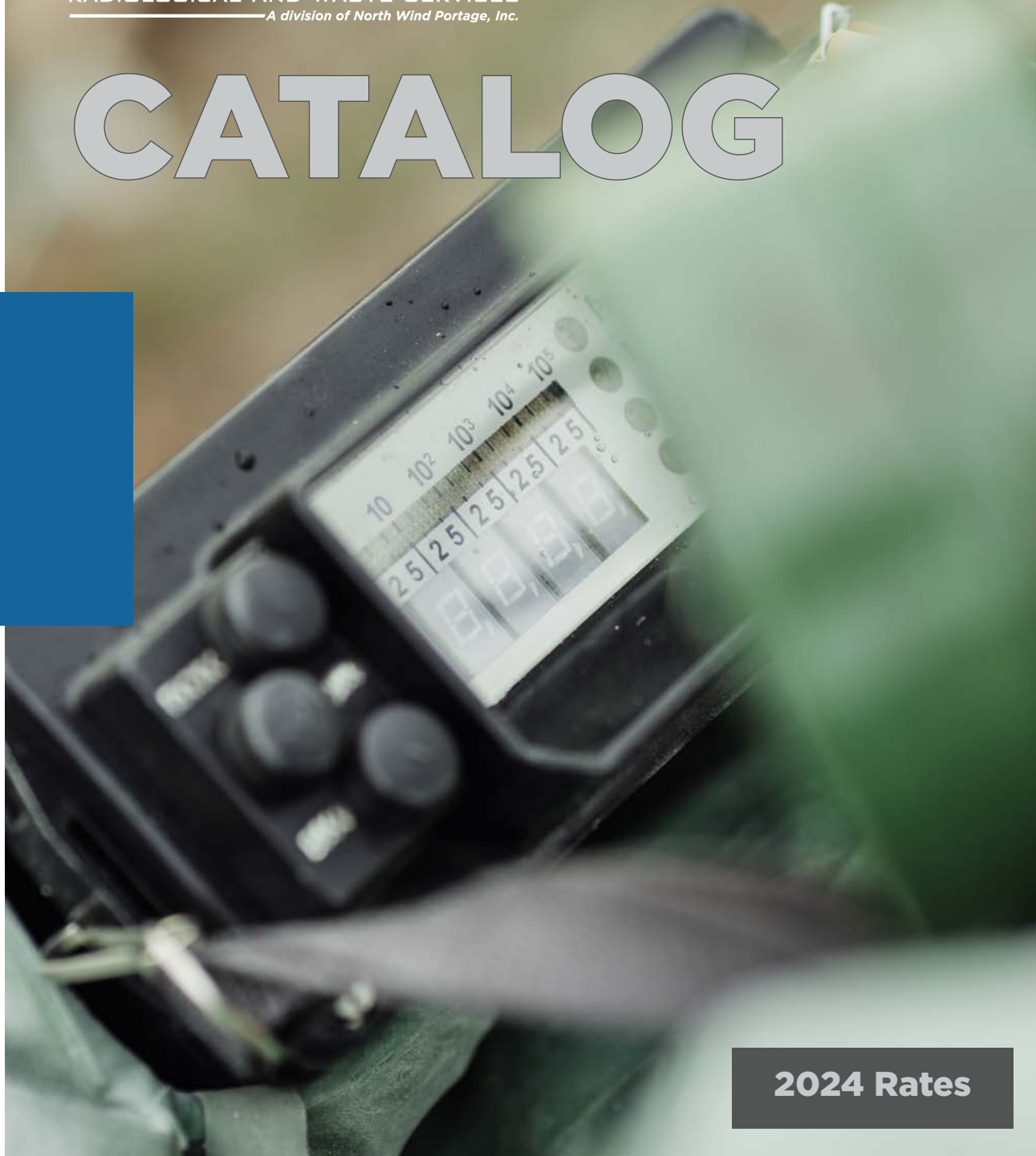




INDUSTRIAL HYGIENE  
RADIATION DETECTION  
INSTRUMENTATION

# CATALOG



**2024 Rates**

[WWW.NORTHWINDGRP.COM/ENVIRONMENTAL-SERVICES/](http://WWW.NORTHWINDGRP.COM/ENVIRONMENTAL-SERVICES/)

# Contents.



2

[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>	<i>Weekly*</i>	<i>Monthly*</i>
Alarm Ratemeter 177	\$35	\$114
Ratemeter/scaler 2221 w/1-sec chip	\$55	\$185
3 Survey Ratemeter	\$20	\$56
2360 Alpha/Beta Datalogger	\$40	\$124
44-20 NaI 3x3 Detector	\$125	\$350
44-10 NaI 2x2 Detector	\$50	\$150
239-1F Floor Monitor w.2360 Datalogger and Detector	\$200	\$467
12 Ratemeter/scaler	\$20	\$56

<b>DOSE RATE METERS</b>	<i>Weekly*</i>	<i>Monthly*</i>
Ludlum Model 19 Micro R Meter	\$35	\$107
Ludlum Model 9-4 Survey Meter	\$50	\$100
Thermo Micro-Rem LE	\$80	\$220
Bicron Micro-Rem	\$75	\$200
Thermo RO-20 Ion Chamber	\$60	\$142

<b>ALPHA/BETA DETECTORS</b>	<i>Weekly*</i>	<i>Monthly*</i>
Ludlum Model 43-93 Alpha/Beta Detector	\$35	\$102
Ludlum Model 44-9 Geiger Counter	\$30	\$92
Ludlem Model 43-37 Gas Flow Proportional Detector	\$45	\$132

<b>SAMPLE COUNTERS</b>	<i>Weekly*</i>	<i>Monthly*</i>
Ludlum Model 3030 Alpha/Beta Sampler	\$95	\$242
Protean Smear Counter Model ASC-950	--	\$2,233
Ludlum Model 2929 Smear Counter Dual Alpha/Beta Detector	\$90	\$240

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

## Radiation Instrumentation (cont.)

SOURCES	<i>Weekly*</i> <i>Monthly*</i>	
Lantern Mantle Exempt Check Source (NORM)	--	\$15
Lutetium Exempt Check Source LU203 (300 CPS)	--	\$60
CS-137 Check Source (1uCi)	--	\$10
SrY-90 Check Source (0.2 MuCi)	--	\$10
Tc-99 Check Source (6,900 dpm)	--	\$60
Th-230 Check Source (4,505 dpm)	--	\$60
Th-230 Calibration Source (11,100 dpm)	--	\$60
Tc-99 Calibration Source (11,100 dpm)	--	\$60
Ludlum Model 500-2 Pulser Digital HV Display	\$120	\$300

AIR SAMPLERS	<i>Weekly*</i> <i>Monthly*</i>	
F&J Air Sampler LV-22	--	\$95
F&J Emergency Response AC/DC Air Sampler DFRV-40L-400-30Li	--	\$375
Hi-Q MRV-523 Gooseneck Air Sampler	--	\$145
TSI TSP Real-Time Air Sampler	--	\$955
TSI TSP Side Pak AM520	--	\$620
Buck Lubra Plus LP-12 Breathing Zone Monitor	--	\$104
Sensidyne GilAir5	--	\$104

\* 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>	<i>Weekly*</i>	<i>Monthly*</i>
MultiRae 5 Gas PGM-6228 Kit	--	\$700
Jerome J405 Gold Film Mercury Vapor Analyzer	\$320	\$800

<b>SOUND PRESSURE LEVEL METER</b>	<i>Weekly*</i>	<i>Monthly*</i>
Extech 407732 Kit	--	\$70

<b>HEAT STRESS MONITORS (WGBT)</b>	<i>Weekly*</i>	<i>Monthly*</i>
Extech HT30-NISTL	--	\$70

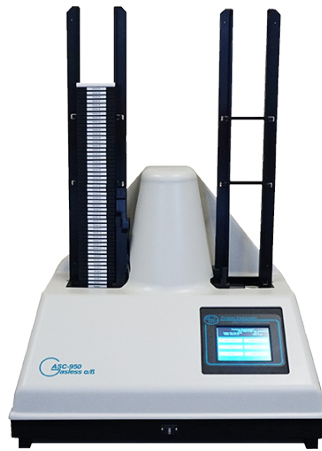
  

<b>SPECIALTY EQUIPMENT</b>	<i>Weekly*</i>	<i>Monthly*</i>
Trimble GEO 6000 GIS Survey System (Cm option)	--	\$1,900

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

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