

NORTH WIND RADIATION DETECTION & INDUSTRIAL HYGIENE INSTRUMENTATION RENTALS

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.



2800 Solway Rd.
Knoxville, TN 37931

(865) 413-1021

Andy Williams, Director of Waste Management
andy.williams@northwindgrp.com
(419) 707-2135

Carl Speer, Instrumentation Manager
carl.speer@northwindgrp.com
(865) 740-6440

RADIATION INSTRUMENTATION

2024 Rates	Weekly*	Monthly*
Survey Meters		
Ludlum Model Alarm Ratemeter 177	\$35	\$114
Ludlum Model Ratemeter/scaler 2221 w/ 1-sec chip	\$55	\$185
Ludlum Model 3 Survey Ratemeter	\$20	\$56
Ludlum Model 2360 Alpha/Beta Datalogger	\$40	\$124
Ludlum Model 44-20 NaI 3X3 Detector	\$125	\$350
Ludlum Model 44-10 NaI 2X2 Detector	\$50	\$150
Ludlum Model 239-1F Floor Monitor with 2360 Datalogger and Detector	\$200	\$467
Ludlum Model 12 Ratemeter/scaler	\$20	\$56
Dose Rate Meters		
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
Alpha/Beta Detectors		
Ludlum Model 43-93 Alpha/Beta Detector	\$35	\$102
Ludlum Model 44-9 Geiger Counter	\$30	\$92
Ludlum Model 43-37 Gas Flow Proportional Detector	\$45	\$132
Sample Counters		
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
Sources		
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		
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 Libra Plus LP-12 Breathing Zone Monitor	—	\$104
Sensidyne GilAir5		\$104

INDUSTRIAL HYGIENE INSTRUMENTATION

2024 Rates	Weekly*	Monthly*
Gas Monitors		
MultiRae 5 Gas PGM-6228 Kit	—	\$700
Jerome J405 Gold Film Mercury Vapor Analyzer	\$320	\$800
Sound Pressure Level Meter		
Extech 407732 Kit	—	\$70
Heat Stress Monitors (WBGT)		
Extech HT30-NISTL	—	\$70
Specialty Equipment		
Trimble GEO 6000 GIS Survey System (Cm option)	—	\$1,900
AirFlow Calibrators		
Dry Cal Defender 520 High Flow (300 ml-30 Lpm)	\$60	\$200
F&J Air Flow Calibrator D-803	\$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 intercompany discounts.*