

NITON XLp 300 Series Lead Analyzer



On-Site Analysis for the following lead applications:

- Lead Paint
- Soil Testing
- Dust Wipes
- Airborne Lead

NITON LLC, the worldwide leader in portable X-ray Fluorescence (XRF) technology, is pleased to introduce the next generation of portable lead analyzer; the **XLp 300**. Building on the success of our award winning XL-300 Series analyzer: the XLp 300 charts new territory in speed, accuracy, precision, ergonomics and ease of use. These revolutionary analyzers provide rapid lead analysis for inspections, risk assessment and screening with unmatched portability and ease of use. With numerous Pb applications and no source replacement for up to 4 years, the XLp 300 Series analyzers provide the ultimate in flexibility and value and are the ideal on-site analytical companions for protecting the safety of children and the environment.

- Integrated touch-screen display with advanced and intuitive user interface
- Lightweight and easy to operate
- Integrated barcode scanner and virtual keyboard for fast, easy data entry
- High-strength, rugged, environmentally sealed housing
- Remote operation and custom report generator capability from a Windows™-based PC
- Optional BlueTooth™ wireless connection
- Benchtop docking station to facilitate fixed-site or trailer use
- High performance isotope configuration for fast results and less frequent source replacements
- Complies with NIOSH Method 7702 and OSHA OSA I for airborne lead
- Complies with OSHA OSS I and proven proficient in EPA ETV and ELPAT testing for lead dust
- Upgradable to multi-element analysis

Lightweight ■ Easy to Operate
Incredible Value

NITON

The Leader in Portable Lead Analysis

NITON Transforms Lead Analysis, Again



NITON LLC

The Leader in Portable XRF Technology

NITON was founded in 1987 by Professor of Physics, Dr. Lee Grodzins, to develop and market instrumentation using innovative x-ray and gamma-ray technologies. The company's first two products were patented radon-gas detection systems. Later, after two years of intensive development assisted by a series of federal research grants, the company introduced the first ever, one-piece portable XRF analyzer, the NITON XL-309.

NITON built its initial reputation for quality, value and innovative design with this award-winning instrument, and continued this tradition with the introduction of its first hand-held multi-element environmental analyzer, the XL-700 in 1995.

In just a few years since that introduction, NITON has completely transformed the world of XRF analysis. NITON has thousands of XRF analyzers installed worldwide. Many are in use by businesses and government agencies who build their remediation and characterization strategies around these rugged and reliable instruments in order to ensure the health and safety of children, adults and the environment in which they live.

Specifications

Weight:	3.0 lbs (1.4kg)
Dimensions:	9.75 x 10.5 x 3.75 inches (248 x 273 x 95 mm)
Excitation Source:	40 mCi ¹⁰⁹ Cd (1,480 Mbq) Isotope half life 463 days, no source replacement for up to 4 years. Contact NITON for information on other available source strengths.
X-ray Detector:	High performance, electronically cooled, solid-state detector optimized for Pb L-shell and K-shell X-ray detection.
Batteries:	(2) Rechargeable Lithium-ion battery packs, 10-14 hour (maximum depends on duty cycle), 3 hour recharge cycle
Display:	1/4 VGA backlit touch screen LCD
Testing Modes:	Standard Paint Mode K&L Paint Mode
Optional Testing Modes:	Thin Sample Mode -Dust Wipe Analysis -Air Filter Analysis -Standard Thin Sample Analysis Bulk Sample Mode
Standard Accessories:	Lockable, shielded waterproof carrying case Shielded belt holster Spare Li-ion battery pack with holster 110/220 VAC battery charger/adaptor NDT (NITON Data Transfer) PC Software Interface cable Safety Lanyard NIST traceable Lead Paint Standards Integrated barcode scan engine
Training :	U.S.- Call 1-800-875-1578 for schedule of no cost radiation safety training in your area.

Specifications subject to change with continued product improvement.

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