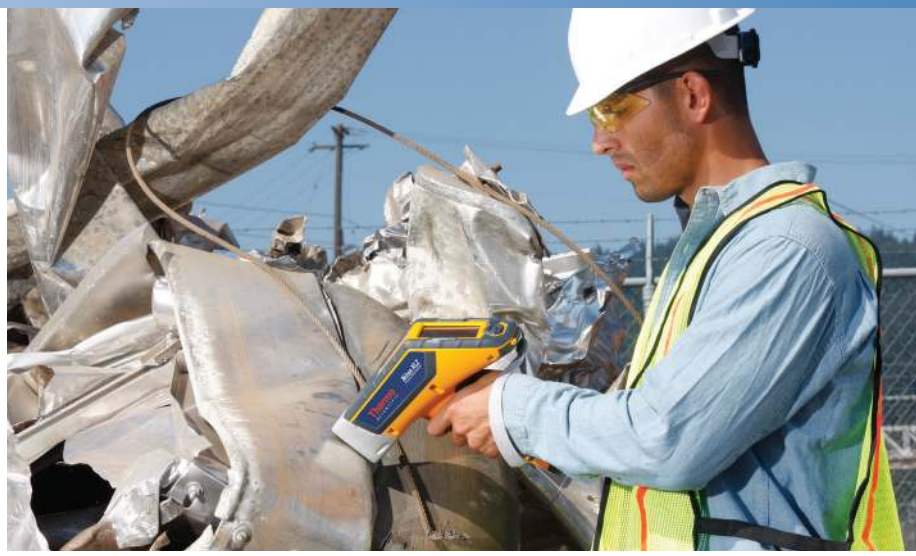
Thermo Scientific Niton XL2 100G XRF Analyzer

General metal analyzer

Thermo Scientific Niton XL2 analyzers provide you with many distinct advantages:

- Precise elemental analysis of alloy materials
- From turn on to trigger pull to near instantaneous results
- Very easy to use – even by non-technical personnel
- Rugged design for the most challenging industrial environments
- Completely nondestructive test



Built for the Way You Work

The value choice Thermo Scientific™ Niton™ XL2 analyzer offers high performance and advanced electronics while maintaining the point-and-shoot simplicity that is the hallmark of all our x-ray fluorescence (XRF) instruments. Sealed against moisture and dust with 100% embedded software tools, these analyzers are lightweight yet ruggedly built to withstand the harshest environments – in the field or on the shop floor.

Ergonomically designed and featuring daylight-readable icons, the Niton XL2 100G incorporates customizable menus, multiple language options, and a standard analytical range of 25 elements from titanium to bismuth.

The Instrument of Choice

The Niton XL2 is the instrument of choice to ensure accuracy, precision, and ease of use. It is the ideal instrument to:

- Analyze metal alloys for scrap recycling or final product QC
- Rapid alloy ID for incoming QC

The Niton XL2 is the definitive tool for scrap metal recycling. It provides immediate nondestructive chemical analysis of common alloy materials. With its unparalleled accuracy, you can be sure that the Niton XL2 100G precisely identifies grade and value of scrap.

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Niton XL2 100G: With point-and-shoot simplicity, you can view the alloy grade and chemistry on the built-in, color, touch-screen display.

The Niton XL2 100G stands far above the competition, with its many standard features and available options. By utilizing the standard Thermo Scientific Niton Data Transfer (NDT©) PC software suite to customize the instrument, you can set operator permissions, generate custom reports, print certificates of analysis personalized with your own company logo, or remotely monitor and operate the instrument hands-free from your PC. Integrated USB and Bluetooth® communications provide direct data transfer to your PC or networked storage device, eliminating the cumbersome data synchronization procedures required by Windows Mobile®-based XRF analyzers.

Thermo Scientific Niton XL2 100G Specifications	
Weight	3 lbs 5.8 oz (1.53 kg)
Dimensions	10.25 x 11 x 4 in. (256 x 275 x 100 mm)
Tube	Ag anode 38kV maximum, 80 uA maximum
Detector	High-performance semiconductor
System Electronics	400 MHz ARM 11 CPU 300 MHz dedicated DSP 80 MHz ASICS DSP for signal processing 4096 channel MCA 64 MB internal system memory/128 MB internal user storage
Display	Fixed angle, color, touch-screen display
Standard Analytical Range	25 elements from Ti to Bi
Data Storage	Internal >10,000 readings with spectra
Data Transfer	USB, Bluetooth™, and RS-232 serial communication
Security	Password-protected user security
Mode	Alloy Modes: Metal Alloy
Data Entry	Touch-screen keyboard User-programmable pick lists Optional wireless remote barcode reader
Standard Accessories	Locking shielded carrying case Shielded belt holster One 6-cell Li-ion battery pack 110/220 VAC battery charger/ AC adaptor PC connection cables (USB and RS-232) Niton Data Transfer (NDT) PC software Safety lanyard Check samples/standards
Optional Features and Accessories	Thermo Scientific portable test stand, stationary (bench-top) stand, mobile test stand
Licensing/Registration	Varies by region. Contact your local distributor.
Compliance	CE, RoHS

Thermo Scientific Niton XL2 analyzers represent just one of our handheld analyzer solutions, which include XRF tools for metal alloy identification, lead-based paint testing, RCRA metals in soil, toy and consumer goods screening, RoHS and WEEE compliance screening, and many other analysis needs.

www.thermoscientific.com/portableid

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