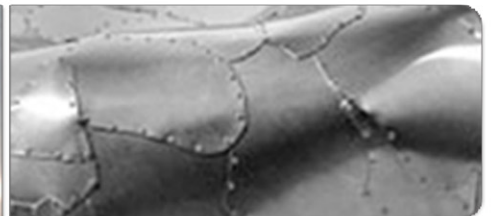
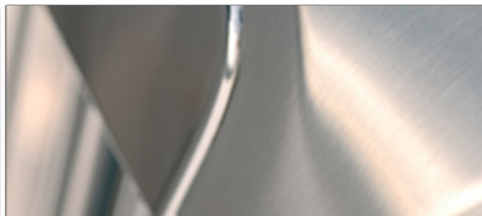
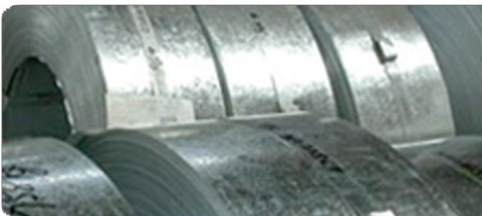




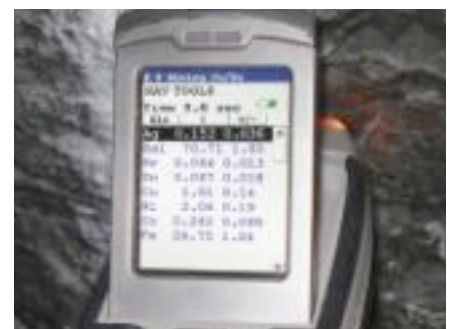
Steel MacTM
LIMITED

SteelMac Limited, Unit 27 New Harbours, Gibraltar

NITON XL3t - Portable XRF Analyzer Specification Sheet



NITON XL3t



NITON XL3t Specifications

Weight	< 3.0 lbs (< 1.3 kg)
Dimensions	9.60 x 9.05 x 3.75 in. (244 x 230 x 95.5 mm)
Tube	Au anode 50 kV maximum, 40 uA maximum Ag anode with optional light element analysis package
Detector	High-performance semiconductor
System Electronics	533 MHz ARM 11 CPU 300 MHz dedicated DSP 80 MHz ASICS DSP for signal processing 4096 channel MCA 32Mb internal system memory/ 128Mb internal user storage
Batteries	Two 4 (or optional 6) cell lithium-ion battery packs
Display	Adjustable angle VIP™ color touch-screen display
Standard Analytical Range	>25 elements from S to U
Optional Light Elements	Additional elements Mg, Al, Si, and P via helium purge
Data Storage	Internal >10,000 readings with spectra
Data Transfer	USB, Bluetooth and RS-232 serial communication
Security	Password-protected user security
Mode (Varies by Application)	Alloy Modes: Metal Alloy, Electronics Alloy, Precious Metals Bulk Modes: Mining, Soil Plastic Modes: RoHS Plastics, Toy & Consumer Goods Plastics Other Modes: Lead Paint, Thin Sample Custom Modes: Upon request (based on application feasibility)
Data Entry	Touch-screen keyboard User-programmable pick lists Optional wireless remote barcode reader
Standard Accessories	Locking shielded carrying case RFID reader/encoder Shielded belt holster Spare 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	Portable test stand, stationary test stand, tripod stand Extension pole Welding mask HotFoot™ hot surface adapter Soil testing guard Internal CCD sample imaging system Variable spot size aperture
Licensing/Registration	Varies by region. Contact your local distributor.
Compliance	CE, RoHS