

Alloy Analyzer GunX 200

GunX 200 handheld alloy analyzer optimized for fast measurements and sorting of Metal Alloys, Minerals, Soil, Refractories, Geological Samples, Archeology, Hazardous Substances, and many more non-destructively



Quantum the well-known name in analytical instrumentation created the best line of handheld alloy analyzers to suit desired elemental applications with its rich experience in X-ray technology and working with worldwide renowned XRF manufacturers. All its series has standardized & field worthy common platform. These handheld alloy analyzers are available for rapid and accurate positive material identification. Specially built lightweight and robust design allows to work under harsh environmental conditions and deliver exceptionally precise elemental analysis and alloy grade identification in seconds.

GunX has completely sealed construction with tough and light weight alloy plastic for dust free and water proof operations. Its innovative technology brings true lab quality performance to handheld analyzers delivering up to 10X faster measurement time than conventional analytical techniques. It provides the highest sensitivity and measurement accuracy and capability to detect light elements without need for vacuum or helium purge.

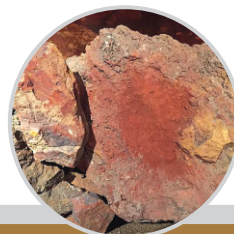
Salient Features

- Rapidly identifies alloy and grades
- Light weight, balanced ergonomic free standing design
- Detector protection with high speed shutter
- Small spot and high-resolution camera option
- Runs on Android OS with mobile phone connectivity
- Easy upgrade path for lower to high models

It is powerful tool with advanced technology provides ultimate results without much of sample preparations. This user friendly analyzer allows multi-elemental analysis in variety of applications. Several options are available including lab stand, external printer, high resolution camera, adaptors for wire & weld joints, hot surface measuring window, special collimators, special analytical packages, GPS adaptability etc. The shock-proof and water-resistant carrying case allows user to carry or ship the unit anywhere. A holster with belt strap can be used to keep the unit handy.



Metal Alloys



Mining



Petroleum

Alloy Analyzer GunX 200



Standard Specifications:

Principle	Energy Dispersive (ED-XRF) X-Ray Fluorescence analyzer to measure alloys and minerals
Design	Handheld Gun type robust unit best optimized for various elemental applications
Processor	ARM Cortex-A9 dual-core, 14-bit ADC with 8K channel MCA for high speed data transfer, results storage on 8GB SD card
Display	5" color touchscreen smart phone type display, 3D graphic
Camera	CMOS based high quality autofocus camera with infinite focusing range
Calibration	Fundamental Parameters. Built-in alloy grade library. For geology & environmental soil applications, users may choose "Compton Normalization" method and/or use empirically derived calibrations. SS316 internal shutter mechanism allows automated calibration check and energy scale validation
Data Transfer	Wi-Fi, Bluetooth, USB connectivity to most devices, including Profile Builder PC software
Power	On board rechargeable Li-ion battery, rechargeable inside device or with external charger, AC power, hot-swap capability (60s max swap time)

	GunX 200
Excitation Source	40/50kV, 200uA Rh/Au anode
Primary Filter	6 position filter wheel for beam optimization
Detector Type	20mm ² silicon drift SDD detector
Resolution	<135eV
Element Range	Mg (12) to U (92)
Key Features	Most popular model offers comparable speed/precision as top-of-the-line competing brands, at a lower price point, in a smaller, lighter package
Precision	< 0.1%
Application Area	Geo-Mining, Soil, Minerals, Alloy, Precious Metals, RoHS
Dimensions (WxDxH)	7.25x10.5x4.5 inch
Weight	<1.5kg with battery

- GunX 200 is a trademark of Quantum Equipment Co. Pvt. Ltd., Mumbai - India.
- The above listed specifications are standard and any specification change or special product modification available upon request.

Quantum Equipment Co. Pvt. Ltd.

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