SciAps

Alloy Guns

Guide of Models Based on Price and Performance

Relentlessly pursuing better, faster, less expensive alloy sorting with our 30+ years of alloy analysis experience.

Why have so many scrap processors switched to SciAps?

REASON 1

Amazing Aluminum Alloy Performance

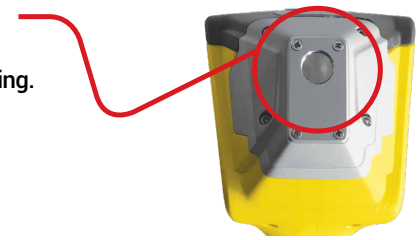
Yes all the X-ray guns offer great performance on stainless, high temps and red metals. The SciAps X blows away the competition on aluminum alloys AND maintains the performance on the other non-ferrous alloys. Now you can sort every type of alloy with both speed and accuracy.

REASON 2

Service is a customer loyalty program, not a profit center.

SciAps is defending your investment by design. End those budget-busting broken detectors. Our X-ray service costs are less than half of any other brand. Laser is even lower because we make our own lasers and spectrometers

X Series Shutter
High Speed Shutter
Only opens during testing.



REASON 3

Share it, Sync it, & Print it

Eliminate tedious data download/export forever. The SciAps **Sync** App instantly shares tests results with any computer in your facility or any location globally. All you need is an internet connection. Monitor your sorter's testing from any location globally, in real time.

Print results label to belt mounted printer. Print data or PDF test reports to any Wifi or Bluetooth printer. Loose the cables!

Our Mobile App automatically **shares** tests results to your Android phone via Bluetooth. Email or text results instantly.

Call or email us for a great analyzer and dependable, prompt, fairly priced service. sciaps.com | sales @ sciaps.com | +1 339 927 9455

Selection Guide

X-ray Gun Options

Model	Best Reasons to Choose	Notable Features
X-250 **(X-ray)** **50 kV, Rh anode,** **SDD** 	• Best performance on aluminum alloys of any X-ray gun. Features Aluminum App for 1-2 second sorting of Al alloys. • Fastest, best precision of any X-ray gun on stainless, high-temps, super-alloys, specialty alloys, turnings. • Highly sensitive analysis of Si, Mg, Al, P and S in alloys	Measures down to 0.3% Mg in 2 seconds. Sort 90% of your Al alloys in 2 seconds, the rest in 4 sec. Maintains top performance for stainless, high temps, red metals
X-200 **(X-ray)** **45 kV, Rh anode,** **SDD** 	• The Workhorse. Built for speed on stainless, high-temps, super-alloys, specialty alloys. • Best in class performance on Al alloys, just not as fast as the X-250. • M**ost competitively priced gun** on the market.	The X-200 performs as well as the top of the line competing brands, at a lower price. Measures 0.3% Mg in 6 sec. Sorts all your aluminum alloys in 8 sec. Doesn't include Al App
X-100 **(X-ray)** **50 kV, Rh anode,** **SDDS** 	• Identical to the X-200, but doesn't analyze Mg, Al, Si, P or S. • Best value for fast, precise analysis of stainless, high-temps, super-alloys, brasses. • Sorts Al alloys by 2000s, 7000s, basic 3000s and mixed low coppers.	A great upgrade from old PiN diode technology - 10x the speed, 3x the precision improvement. Add Mg, Al, Si, P or S cals at anytime.
X-50 **(X-ray)** **40 kV, Rh anode,** **PiN Diode** 	• Best value for facilities doing basic stainless, high-temp sorting and red metals. • If you're doing the above and your volume is low enough for 5-10s test, the X-50 is ideal. • Al sorting limited to 2000s, 7000s and MLCs, and 5 second tests are OK (rather than 1-2 sec).	If you're doing occasional volume of stainless, high-temps, red metals, and don't need 1-2 sec tests, the X-50 may be the best solution.

Laser Gun Options

Z-200 **(Laser)** 	• You want to sort many aluminum alloys, without grinding anodized or dirty material. • You want to measure elements lithium, beryllium and/or boron in alloys. • You do NOT want X-ray sources, nor the regulations and surprise state inspections.	Although the Z-200 is optimal on Al and Mg alloys, it will also handle high-temps, stainless and red metals. The ONLY laser gun with argon purge offers better precision, and also analysis of ferrous and other alloys.
Z-200 C+ **(Laser)** 	• You want to sort your carbon steels based on carbon content. • You want to upgrade your mixed stainless into L and H grades for carbon content. • Plus the advantages above for the Z-200.	The Z-200 C+ is the world's only handheld for carbon measurements.