

OA-100S ADVANTAGES Over XRF

FEATURES	OA-100S LIBS	XRF
Analysis of any alloy in < 3 seconds	✓	
Analysis of lithium in lithium aluminum alloys	✓	
Analysis of beryllium in copper alloys	✓	
Superior Mg in Al alloy performance	✓	
Ruggedized package with no susceptible sensitive components (vacuum sealed x-ray tubes, x-ray detectors)	✓	
No regulatory headaches or annual licensing fees	✓	
All employees can be users (not just radiation-trained employees)	✓	

ACCESSORIES



Docking Station

Continuously charge the analyzer battery and store in a secure location when not in use.



Holster

Safely maneuver around the facility and easily withdraw for immediate use.



Li-ion Batteries

Benefit from 10+ hours of continuous operation.

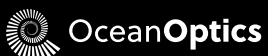


Aluminum & Stainless Check Samples

Verify that instrument calibration is accurate.

WORLD-CLASS SUPPORT

The OA-100S is backed by a global network of sales and services support partners of Ocean Optics, offering installation, preventative maintenance, and prompt service. We have been developing and supporting both laboratory and field equipment for decades and the combination of our expertise and quality of our optical instruments is well known. We're confident we can firmly establish Ocean Optics and the OA-100S as the premier solution for handheld metal identification for industrial applications.



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OA-100S

LIBS Analyzer



Fast, Accurate, and Durable LIBS Metal Analysis

**SORT, CLASSIFY, AND VERIFY YOUR ALLOYS
WITH ONE OF THE LIGHTEST AND MOST
DURABLE LIBS ANALYZERS**

■ Scrap Metal Sorting

■ Positive Material
Identification (PMI)

■ Quality Assurance
in Metal Fabrication



**Small,
lightweight
design**

**Certified
ruggedness
IP-54 and
MIL-STD-810G**

**Long
battery
life**

**Low
ownership
cost**

Alloy Analysis for your Application

**ACCURATELY ID ALUMINUM ALLOYS, STAINLESS STEELS,
MAGNESIUM, TITANIUM, NICKEL, COBALT, AND MORE**

The **OA-100S LIBS** analyzer can be used in a full range of applications including scrap sorting, product verification, material identification, and other elemental analysis with LIBS. The OA-100S can sort, classify, and verify light elements that XRF analyzers can't. Its durable, accurate alloy analysis makes the OA-100S the tool of choice for the following applications:

Scrap Metal Sorting

Get the highest value from your scrap

Quality Assurance & Quality Control in Metal Fabrication

Verify your incoming materials as well as your final products before they ship

Positive material identification (PMI)

Classify every piece of metal in your facility

