



**WATSON XRF**

by Tribogenics

# Introducing Watson.

A breakthrough in  
XRF technology.



# Specifications

**Energy** 50keV

**Weight** 6.9 lbs. total

**Detector** Si-PIN diode

**Acquisition time** 10-30 seconds

**Target material** Au or Ag

**Calibration range** 24 elements, incl. steel & aluminum modes

**Test spot size** 10mm

**Dimensions** 29cm (L) x 9cm (W) x 23cm (H)

**Display** 5 in. 1080p, multi-touch

**Operating range** -10° to +50° C

**Power** Rechargeable battery

**Data transfer** Wireless via Wi-Fi

## A breakthrough in XRF technology for metal alloy identification priced at only \$9,999.

At \$9,999, Tribogenics' Watson handheld X-Ray Fluorescence (XRF) analyzer redefines how businesses use industry standard XRF technology for metal alloy identification - cutting costs in half.

In machining, manufacturing, fabrication, and scrap recycling environments, Watson takes the risk out of using an incorrect or out-of-specification alloy. And, for shops that rent XRF instruments, Watson eliminates the need to batch your scrap and stock – with Watson, you can afford to identify your scrap and stock on demand.

Watson is ideal for positive material identification (PMI) when screening, sorting, and analyzing metals such as aluminum and steel alloys. Watson's high-resolution, android user interface provides a familiar platform that gets you up and running in minutes. The large display provides guidance and prompts for easy "point and shoot" operation that delivers maximum accuracy, reliability, and confidence.



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## Manufacturing & Machining

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Watson removes the risk of error for alloy identification in machining and manufacturing.



## Scrap Metal Recycling

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In a price sensitive market, Watson offers scrap recyclers a quick, reliable, low cost solution that keeps productivity high and costs ultra low.



## Oil & Gas Production

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Coming in 2016, Watson enables critical on-site measurement and identification of a wide variety of key elements at oil and gas sites.



## Precious Metals & Alloys

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In 2016, Watson will offer fast, nondestructive PMI of precious metals and alloys to determine the value of items being bought and sold.

**No downtime anytime,  
with the first ever  
field exchangeable  
X-ray source.**



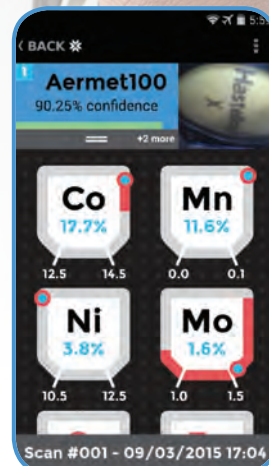
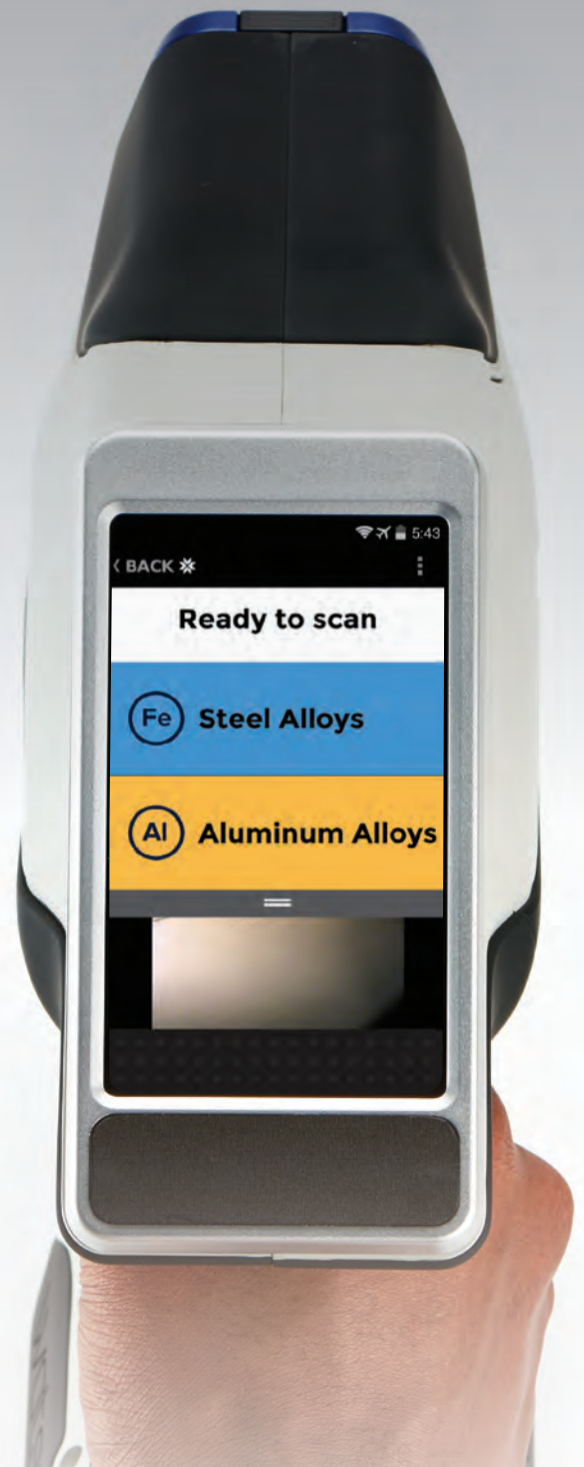
## Standard Accessories

- Waterproof and padded carrying case
- Electronic user manual
- Printed Quick Start Guide
- Integrated digital camera
- Spare Kapton window
- Tools in case

## Features & Benefits

- No downtime anytime with field replaceable M1™ X-ray source cartridge - exchanged in minutes
- Easy-to-read color-coded confidence bar for shorter sample times
- Auto-calibration for constant uptime
- Wireless connectivity means effortless data collection for office cloud based reporting, tracking and analysis
- Android user interface with 5" display and live view, integrated camera for accurate targeting
- Picture of target sample area for traceability
- Display concentration percent and standard deviation from best alloy match
- Quick 1 second trigger pull enables ready to scan mode
- Internet and cloud-based B2B applications add value to your business offerings

**Android user interface with 5" display and live view, integrated camera for accurate targeting.**



Portable, low cost X-ray solutions for positive materials identification and analysis of metals & alloys.

TRIBOGENICS | XRF M1

PART #	ITEM	RETAIL PRICE
T01-W01	Watson M1	\$9,999.00
T01-M01	M1 X-Change Cartridge (New Unit)	\$999.00
T01-M02	M1 X-Change Cartridge (Refill)*	\$299.00
T01-K01	Replacement Kapton Windows (5 Pack)	\$25.00

#### SHIPPING

Shipping standard UPS or FedEx ground	Included Free
Expedited shipping at customer request	Charged at actual rate

watson

# Find an approved representative near you.

## HEADQUARTERS

5440 McConnell Ave  
Los Angeles, CA 90066  
info@tribogenics.com

**(855) 972-9123**

## PE SYSTEMS

Mike Lamb  
Southern/Central California  
5318 E, Second St. #610, Long  
Beach, CA 90803

**(562) 438-3000**

Tim Scott  
Southern/Central California  
417 Associated Rd., #184  
Brea, CA 92621

**(714) 671-0660**

Jon Kilborn  
Southern/Central California  
29910 Murrieta Hot Springs Rd  
Suite G Box 421  
Murrieta, CA 92563

JonKilborn@pesystems.net

**(951) 348-0700**

## REPSS

Dave Thomas  
West Texas  
1656 Townhurst Dr., Suite E  
Houston, TX 77043  
dave.thomas@repss.com

**(713) 461-6030**

Conor O'Donnell  
Arkansa, North Texas, & Oklahoma  
conor.odonnell@repss.com

**(918) 406-0644**

Alan Churchman  
East Texas  
alan.churchman@repss.com

**(512) 585-3399**

Jeremy Sheppard  
Alabama, Louisiana & Mississippi  
jeremy.sheppard@repss.com

**(985) 502-1299**

## HILL TECH

Bill Hill  
Arizona, Southern Nevada, Utah  
P.O. Box 11148  
Prescott, AZ 86304

bhill@hiltech.net

**(928) 308-0367**

## PSS

James Steele  
Northern California  
1807D Santa Rita Rd #172  
Pleasanton, CA 94566

j-steel@att.net

**(925) 846-4897**

## SCIL

Mansour Aaron Karimzadeh  
New York, New Jersey  
98 Cuttermill Road, Suite 395  
Great Neck, Long Island, NY 11021

aaron@scil.us

**(516) 338-8880**



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