

PortaSpec® 2501 XRST

**MULTI-ELEMENT SEQUENTIAL ANALYSIS** 

PERFORM MULTI-ELEMENT SEQUENTIAL ANALYSIS IN THE RANGE OF TI TO U

PortaSpec® 2501 XRST innovation improves your elemental analysis process. The PortaSpec® 2501 XRST is an enhancement to the pre-existing PortaSpec® XBT that will increase efficiency in your quality processes.





#### **PRODUCT OVERVIEW**

PortaSpec® 2501 XRST includes an 8-sample rotating tray, coupled with our our enhanced software preloaded in the new integrated computer.

PortaSpec® 2501 XRST will save the operator time and increase quality controls by:

- More operator flexibility with the ability to preload 6 samples: (Standard and blank samples can remain preloaded if working with the same material.)
- Minimize setup time when replacing samples during the analysis.
- Increase ease in tracking samples avoiding operator error.
- All-in-one integrated computer within unit housing.

The same high-quality standards you presently experience from your PortaSpec\* will continue with an increased time efficiency when testing with the PortaSpec\* 2501 XRST.

PortaSpec® configurations available are Fixed Single Element (FSE) and Multi-Element Sequential (MSE) analysis



### **SOFTWARE**

Powering Cianflone's full line of X-Ray Spectrographic Analyzers is PortaSpec® PCS Software—a Windows®-based application that provides excellent records of prior analyses, improves productivity, and simplifies analysis. PortaSpec® PCS Software is designed for multiple industries, including coil coating, tubing and bar stock, mining and minerals, petroleum, high—and low—alloy steel, scrap metals, glass, synthetic and natural fibers, building materials, can, chemical research, alloy research, automotive, nuclear testing.



### **INCLUDED ITEMS**

- Closed loop water coolant circulator
- HDMI connection to monitor for realtime review and operation of the software.
- Monitor, keyboard and mouse included
- PC Interface and pre-installed software
- Software training and upgrades for up to a year are included with your PortaSpec® purchase.

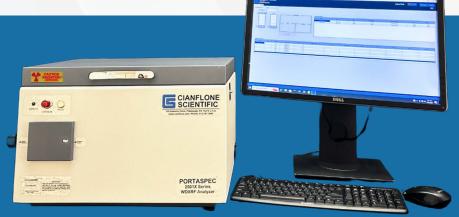


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# WORLDWIDE APPLICATION

Companies worldwide depend on Cianflone Scientific to provide efficient and effective portable elemental analysis, coating thickness measurements and sample preparation.



PortaSpec° XRST TECHNICAL DATA		
Bragg Angle Range	13 to 98 Degrees Two Theta	
Analyzing Crystal	LiF 200	
Element Range Kα	22 – 47 (Ti – Ag)	
Element Range Lα	56 – 92 (Ba – U)	
Adjustable Preset Element Stops	5 position changer	
Automatic Sample Tray	6 Analysis samples 1 Blank sample 1 Standard sample	
Voltage Requirements	AC 110 to 240 V Single Phase	50/60 Hz
Dimensions and Weight  PortaSpec*  Water Circulator	18" L x 14" W x 13" H 10" L x 10.5" W x 13" H	64 lbs. 10 lbs. Empty