

# 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 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

- Electric water cooler and circulator
- HDMI connection to monitor for real-time review and operation of the software.
- Monitor, keyboard and mouse included
- PC interface with internal mini-computer/hard drive
- Software training and upgrades for up to a year are included with your PORTASPEC® purchase.

## 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

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