

PORTASPEC® 2501 Series X

**MULTI-ELEMENT SEQUENTIAL ANALYSIS** 

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

The PortaSpec® 2501 Series X is an enhancement to the pre-existing PortaSpec® XBT that will allow testing on larger samples due to it's new sample tray.





### **PRODUCT OVERVIEW**

PortaSpec® 2501 Series X is capable of performing multi-element sequential analysis in the range of Ti to U and is ideal for measuring coating weights of both chrome and titanium pretreatment.

Cianflone's PortaSpec 2501° Series X is similar to the Model 2501 XBT. It contains an adjustable goniometer that allows the user to analyze up to five elements, preset sequentially one at a time. Its elemental range is from element #22 titanium to element #92 uranium. With the new sample tray configuration, it allows to measure a larger range of sample sizes with the same high quality standards you presently experience from your PortaSpec°.

Other benchtop PortaSpec\* versions available are Fixed Single Element (FSE) and Multi-Element Sequential (MES) 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 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**

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

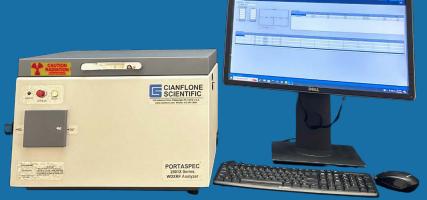


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## **WORLDWIDE APPLICATION**

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



PortaSpec® 2501 Series X 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	Up to 5	
Voltage Requirements	AC 110 to 240 V Single Phase	50/60 Hz 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