

PORTASPEC[®] 2501 Series X

MULTI-ELEMENT SEQUENTIAL ANALYSIS

The PORTASPEC[®] 2501 Series X is an enhancement to the pre-existing PORTASPEC[®] XBT that will allow testing on larger samples due to its new sample tray, eliminating the need to cut coupons.



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 5 elements, preset sequentially one at a time. Its elemental range is from element #22 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 real-time 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.

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 Ka	22 – 47 (Ti – Ag)	
Element Range La	56 – 92 (Ba – U)	
Adjustable Preset Element Stops	Up to 5	
Voltage Requirements	AC 110 to 240 V Single Phase	50/60 Hz
Dimensions and Weight		
PortaSpec[®]	18" L x 14" W x 13" H	64 lbs.
Water Circulator	10" L x 10.5" W x 13" H	10 lbs. Empty
Sample Tray	10" L x 16" W x 1" H	