

## Model 2501X-2 Portaspec® X Series Portable X-ray Spectrograph

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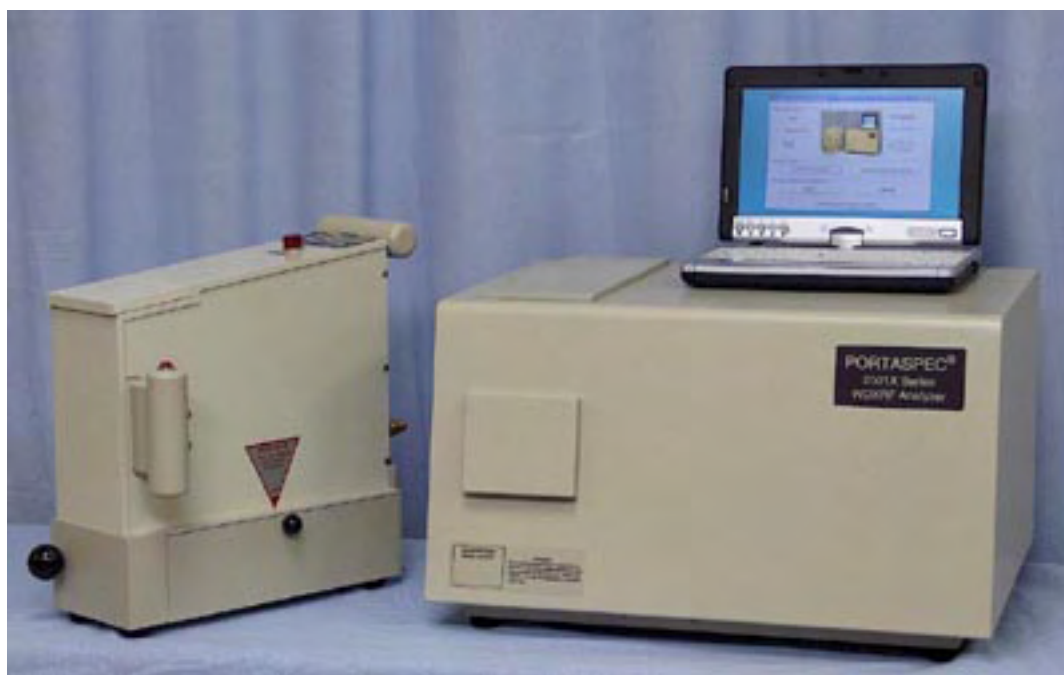
The Portaspec X-ray Spectrograph is a very accurate, lightweight and portable instrument. Its design enables the use of x-ray analysis for such varied applications as on-site assaying and in-plant bulk material identification -- without cutting samples. This versatile analyzer can be used either in the field, or as a complete laboratory system with its multi-element sequential analysis capabilities.

The Portaspec can be applied to odd shapes such as castings, tubing, bars, and sheets that normally cannot fit into sample compartments. It can analyze powders and liquids with the appropriate optional holders.

The Portaspec is operated by a PC Touchscreen Notebook Computer, complete with Windows®-based preinstalled Software.

Easy to operate, Portaspec provides fast on-the-spot, non-destructive elemental analysis and can be adapted to special on-line applications.

**SPECIAL ORDER - Call for details**



Technical Data	
Bragg Angle Range	13 to 98 degrees; two theta
Analyzing Crystal	Lithium Fluoride (200)
Element Range Ka	22-47 (Ti to Ag)
Element Range La	56-92 (Ba to U)
Detector	Sealed Proportional

Detector Supply	0-2700 VDC Max (adjustable)
Digital Scaler and Timer	Counting Range: 1 to 999,999 Timer Range: 1 to 990 seconds
Lamps	X-ray On
Supply Requirements	115 Volts, 60 Hz, 300 Watts
Optional	230 Volts, Single Phase, 50 Hz Two-Position Sample Holder
Dimensions and Weight	Power Supply: 18" Long, 14" Wide, 13" High, 59 lbs. Probe Head: 12" Long, 3-1/2" Wide, 9" High, 14 lbs.
<b>Included Items:</b>	
Electric Water Cooler and Circulator Windows®-based Touch-screen Notebook Computer PC Interface and Preinstalled Software	