



**better analysis counts**



## **Petra MAX**

**Series:** 403102-01  
**USD Price:** Contact XOS

Petra MAX complies with ASTM D4294, ISO 8754 and IP 336 methods for sulfur analysis of hydrocarbons like crude oil, diesel, gasoline, jet fuel, and lubricants.

Check out Petra MAX autosampler - delivering a more efficient workflow with sample tracking and continuous sample loading.

### **Advanced Sulfur Analysis with HDXRF**

Enhanced detection performance over traditional XRF technology

### **Advanced Precision**

Precise sulfur measurements with a LOD as low as 5.7 ppm and rapid monitoring of critical elements at sub-ppm levels

### **Advanced Applications**

Hydrocarbons, water and catalysts

### **Advanced Software**

Preset your measurement configurations

### **Advanced Data Management**

Storage for thousands of measurements

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## **Specifications**

Calibration curves:	30 calibration curves. Linear (automatic calibration available)
Catalysts:	Yes
Communication Capabilities:	Printer, USB & Ethernet, LIMS Integrated
Consumable/Utility Gas:	None
Dimensions: Depth:	16.5 in / 41.9 cm
Dimensions: Height:	6 in / 15.3 cm

Dimensions: Width:	14.5 in / 36.8 cm
Element:	Sulfur / 5.7 ppm
	Phosphorus / 17 ppm
	Chlorine / 3 ppm
	Potassium / 0.7 ppm
	Calcium / 0.4 ppm
	Vanadium / 0.1 ppm
	Chromium / 0.09 ppm
	Manganese / 0.07 ppm
	Iron / 0.07 ppm
	Cobalt / 0.07 ppm
	Nickel / 0.04 ppm
	Copper / 0.1 ppm
	Zinc / 0.1 ppm
Measurement Time:	User selectable 30-900 s
Method Name:	ASTM D4294, ISO 8754 & IP 336
Options:	LIMS Connectivity
Range:	Sulfur 5.7 ppm – 10 wt%
Sample Cup Type:	Standard XRF Sample Cup
Sample Matrix:	Hydrocarbon
Specific Technology:	HDXRF
Type:	Benchtop