



better analysis counts



Petra MAX Autosampler

Series: 403102-01AS
USD Price: Contact XOS

Advanced Workflow with Autosampler

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.

With Autosampler, users can experience a more efficient workflow with sample tracking and continuous sample loading. Simply scan the QR-coded sample cup with a handheld scanner and the analyzer scans the sample again when it reaches the measurement chamber, ensuring the correct sample name and measurement parameters are paired with results. Users have the option to use X-ID Sample Cups (QR-coded) or standard XRF cups.

Sample Tracking

Unique identifier sample cups help to eliminate data errors

Continuous Sample Loading

Add urgent samples to the queue as needed

Advanced Software

Preset your measurement configurations

Advanced Data Management

Storage for thousands of measurements

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: | 21 in / 38.9 cm |
| Dimensions: Width: | 16.5 in / 41.9 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, and IP 336 |
| Options: | LIMS Connectivity |
| Range: | Sulfur 2.6 ppm – 10 wt% |
| Sample Cup Type: | Standard XRF Sample Cups, X-ID Sample Cups |
| Sample Matrix: | Hydrocarbon, water and catalysts |
| Specific Technology: | HDXRF |
| Type: | Benchtop |