

Lab-X3500SCL

High performance S and Cl analysis without helium!



Sets new standard for sulfur and chlorine analysis in petroleum products by proven EDXRF method

- Down to 3 mg/kg (ppm) LOD for sulfur
- Hot samples can be measured
- Low cost, proven design
- Easy operation, even for non-laboratory staff



Lab-X3500SCI

High performance S and Cl analysis without helium!

Oil exploration
Oil refining
Fuel distribution
Mobile laboratories



Consistent instrument performance

- Sulfur limit of detection of 3 mg/kg (ppm) (600 seconds) without helium purge
- Chlorine interference compensation and chlorine analysis possible at levels from 20 mg/kg (ppm) to 1%
- Accurate determination of sulfur, even in presence of chlorine and in varying atmospheric conditions
- Cold and hot samples can be measured reducing waiting time before analysis, and allowing analysis in real process conditions



Easy and simple routine operation

- Insert the sample, enter its label and press Start: approximate result available in a few seconds (live update of results)
- Virtually no sample preparation
- Individual safety window to prevent accidental leakage in the instrument
- Automatic selection of calibration range
- Pre-calibrated for sulfur methods to ASTM D4294
- Pre-calibration for chlorine can be requested as an option

Compact and reliable

- Rugged and robust design
 - Truly sealed housing including dust and solvent proof keypad ensures long term reliability even in harsh environments
 - Can be transported between laboratory, production area and field
- OI's field proven X-ray tube guarantees high reliability and outstanding lifetime
- Meets the specifications of the following standards: ISO 20847 without helium, ISO 8754, ASTM D4294, IP336

Smart and flexible software

- C/H compensation included
- The effect on analytical results of varying atmospheric conditions is fully compensated
- Calibration software included
- Standard multilingual Lab-X software in English, French, German, Portuguese, Italian and Spanish
- Useful automatic reminders inform the user of the need for QC sample checks and when a service is due

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