

Specification

Lab-X3500SCI

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| Element range | Sulfur and chlorine only. |
| Concentration range | mg/kg (ppm) to %. |
| Sample form | Liquid petroleum products. |
| Sample size | Approximately 13 ml when using Oxford Instruments sample cup. |
| Sample holders | Liquids: Unique Oxford Instruments sample cups with disposable inners and lids. |
| Safety window | Unique Oxford Instruments individual safety window to prevent accidental cup leakage into the spectrometer. |
| Sample loading | Automatic motorised turntable as standard. |
| Analysis time | User selectable, typically 10-300 seconds. Live, updated results shown on in-built display. |
| X-ray excitation | X-ray tube 10kV (maximum 3 Watt). Optimised pre-defined excitation conditions. Pd target tube. |
| X-ray detection | Sealed gas filled proportional counter. |
| Focus-5 Spectral Enhancer | Unique patented " <i>Focus-5</i> " technology allowing optimised detection of sulfur and chlorine. |
| Lab-X3500SCI technology | No helium required: Automatic correction for changes in air density (atmospheric pressure and temperature), including those occurring during the measurement of hot and cold samples. |
| Data processing Software | Built-in microprocessor, and multi-channel analyser. Resident Analytical Software Package (ASP3500) includes facility for simple routine operation, restandardisation, qualitative and full quantitative analysis, includes comprehensive X-ray correction models. Includes useful reminders (maintenance due, QC sample analysis due). Includes automatic compensation for changes in air density. |
| Display | 40 digits, 2 lines, vacuum fluorescent display (VFD). |
| Printer | Line thermal dot printer, 384 dots/line, with graphics capability. |
| Power requirements | 100, 120, 220, 240 V ac, 50/60Hz. Consumption 85 VA maximum. |
| Dimensions and weight | Width: 457mm (18") Depth: 575mm(23") Height: 200mm (8") Weight: 16kg (36lb) |

The information and technical specifications are subject to change without prior notice.

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