

# RELIABILITY

## Lab-X3500

Increase your productivity with field proven  
XRF analysis saving you time and money



Robust / Easy to Use / Total Reliability

OXFORD  
INSTRUMENTS

*The Business of Science®*



# QUALITY

## XRF Analysis made easy

Robust  
Easy to Use  
Total  
Reliability

### 1 Little or no sample preparation

- No precise weighing or volumetric analysis
- Liquids and powders often measured 'as received'
- Custom sample holders offer rapid analysis of:
  - Grease • Films • Coatings • Pastes • Solids
- Low limits of detection
- Automatic gain stabilisation for optimum instrument stability

### 2 Simple 'one touch' operation

- Flexible software for user customisation and method development
- Easily programmed instrument parameters
- Comprehensive qualitative or full quantitative analysis
- No requirement for detailed technical knowledge

### 3 Clear, rapid results

- High precision
- Fast analysis
- Excellent stability
- Operated by non-laboratory staff
- Integrates easily into Quality or Statistical Process Control systems

Thousands  
of installations  
worldwide



### Cement, Minerals and Mining

- Easy to use by shift personell
- Excellent stability, e.g. for cement Ca @ 40%, +/- 0.1%
- No dust ingress - no fans
- Back-up or QC analyser
- Optional Polysius 51.5 mm (2") sample holder



- Conforms to ASTM D4294, ISO20847, ISO8754, IP336, IP496, GOST R 51947, JIS K2541 and GB/T17040
- Sulfur analysis at refineries, terminals, mobile laboratories, etc
- Used by most leading oil companies
- Sulfur/Chlorine analysis for waste oil recycling
- Dependable analysis
  - High instrument reliability
  - Easy to replace safety window - avoiding instrument downtime
- **Lab-X S/Cl** - Automatic temperature and pressure compensation -no external helium gas required

### Petrochemicals/Oils

### Cosmetics, Food, Plastics, Polymers, etc

- Solids, liquids, powders, films, granules, etc
- ppm to high % concentration levels
- Wide range multi-element capability
- Rapid analysis - results in seconds
- Minimal or no sample preparation



- Affordable analysis
- Analyse sawdust and solutions: Cu, Cl (Penta), Cu + Fe, CCA, etc
- Factory pre-calibrations
- Integrated turntable rotates liquid sample away from analysis position at end of measurement - no instrument downtime in case of sample spillage

### Wood Protection

### Paper - Release liners



- Paper and films - Glassine, clay coated and Si extractables analysis
- Unique sample holder for ease of use
- Sample spinner for highest precision
  - 1g/m<sup>2</sup> +/- 0.01 g/m<sup>2</sup>
- Rugged and reliable for use in laboratory or on the production site

## OiService Worldwide Service and Support

### Support delivering confidence and protecting your investment

Oxford Instruments Customer Service recognises there are many decisions to make when choosing the right product and company with which to partner. It is not just about superb instrument functionality or the rugged design of the analyser. The **OiService** teams are aware of the necessity to demonstrate our depth of knowledge, skills, experience and expertise with regard to supporting our customers.

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