X-MET® for heavy metals

Fast, reliable compliance screening!

Prove compliance to industry regulations!

X-ray fluorescence (XRF) analyzers deliver fast, non-destructive screening for the detection of lead and other heavy metals restricted in toys, jewellery and consumer products. In seconds, prove compliance and gain peace of mind that only safe product will reach your customers.

X-MET for fast analysis of:

- Toys and other plastic goods for lead and other heavy metals (Pb, Cd, As, Sb, Ba, Cr, Se, Ni)
- RoHS compliance: Pb, Cd, Hg, total Cr and Br
- PVC plastic: indication of phthalates
- Jewellery and metallic goods: Pb and Ni
- Paints and plastic raw materials
- Packaging material: Cd, Pb and Hg

FASTER ANALYSIS...LOWER DETECTION LIMITS
Oxford Instruments' SDD45 Measuring Technology INSIDE
Superior Light Element analysis

Silicon Drift Detector technology improves productivity!

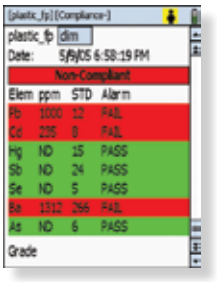
Top of the range **X-MET**5100 combines Oxford Instruments' groundbreaking Silicon Drift Detector (SDD) with a powerful 45kV X-ray tube. This cutting edge technology delivers a five times faster measurement speed, much better detection limits and significant accuracy improvement over conventional systems. Isn't it time you used **X-MET** to improve your productivity and screening confidence?

OXFORD INSTRUMENTS

The Business of Science®

Powerful user programmable interface for reliable testing

- Fast information for reliable Go/No-Go decisions
- User programmable elements, alarm limits and testing criteria
- Option to show only elements of interest or all elements
- High speed averaging – calculate averages of 2 – 50 measurements and save both individual and average results
- Save an unlimited number of results and spectra



Flexibility with choice of analysis modes

- Auto detect mode will identify material type and automatically choose the correct analysis method:

  Plastics: Fundamental Parameter (FP) Calculations for all common heavy elements in plastics: Pb, Cd, Hg, Br, Cr, Cl, Sr, Ni, Sb, As, Se, Ba etc.

  Metals: Fundamental Parameter (FP) Calculations for alloy identification and analysis of all common heavy elements in metal alloys: Pb, Cd, Ni etc.

- Customer specific calibrations and optional software package for method development

Easy and reliable

- Short learning curve
- User interface in >10 languages
- Easy data storage and reporting
- PDA based technology for flexibility
- CE, cCSAus certified

Bench-Top Stand

- Improved precision
- Lower detection limits
- Optimized accuracy
- More comfortable operation

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