



better analysis counts

About XOS

XOS® is a leading global provider of mission-critical material-analysis equipment for industries and regulators that control material quality and performance, from consumer products (e.g. children's products) to electronics to energy industries.

XOS leverages its global leadership in x-ray optics to supply application-specific analyzers that measure environmental and product contaminants such as lead, cadmium, chlorine, and sulfur. As a supplier to analytical instrument companies, XOS offers optics and sub-systems to enhance analytical performance of instruments which measure, e.g., elemental composition and crystalline structure.

Quick Facts



- **Markets: Petroleum, Compliance/Safety, OEM manufacturers**
- **Cum. Analyzer Sales: > 1000 units**
- **Over 40 International Distributors**
- **50 US Patents; 20 Additional Countries**
- **ASTM Standards Authored: 3 Issued, 2 Pending**
- **Employees: 80**
- **Web: www.xos.com**

Advanced x-ray optics increase sensitivity of measurements, often by more than a factor of 100, while decreasing the measurement time, increasing spatial resolution, and decreasing the size and cost of the equipment.

XOS has established its national and international presence by partnering with well-established OEM manufacturers; and also through established distribution partners who are experienced and respected in the relevant markets. Using this strategy, XOS services key international markets and respected companies in Europe and Asia, as a leading global supplier of elemental analysis equipment.

the laboratory to the factory floor, field, and clinic. In most cases, these are dedicated, easy-to-use analyzers. XOS technology is ideally suited for identifying the presence of toxic elements in any type of naturally occurring substances, intermediates, or fully manufactured products. Whether intentionally or inadvertently placed, toxic elements in products have a clear adverse impact on human health.

Measure S, Cl, Si, Pb, Cd, and many other elements in the lab, at-line, and on-line:



X-Ray Optics and OEM Subsystems

XOS is the only commercial supplier of polycapillary x-ray optics (broad-spectrum) and doubly curved crystal (DCC) x-ray optics (highly monochromatic). XOS designs, manufactures, and sells these optics, and source-coupled optic subsystems, to original equipment manufacturers (OEMs). XOS works with essentially every x-ray analytical instrument manufacturer in the world and also integrates these technologies into its own proprietary analyzers.

Analyzers for the Energy, Compliance, and Safety Markets

XOS' proprietary x-ray optics are the key enabling components of XOS analyzers, providing dramatic reductions in cost, power, and size. XOS' strategic vision is to leverage its proprietary optics to move measurement capabilities from

Optics



X-Beam OEM Subsystems



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