

Xenemetrix
The Power to Change Energy Into Information

Company Profile



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With more than 30 years experience, Xenemetrix Ltd. specializes in the design, development, production and marketing of Energy-Dispersive X-Ray Fluorescence (EDXRF) systems.

Xenemetrix continues to develop highly innovative technologies and solutions suitable for today's ever-growing analytical challenges, performing elemental analysis starting from C(6)- Fm(100).

An accent on quality combined with ongoing research and development has given the company an international reputation for excellence.

We combine the latest technological developments with innovative engineering, to provide cost-effective solutions to a wide range of industries and applications :

Plastic ■ Polymers ■ Paint & Rubber ■ Petroleum ■ Petrochemical ■ Chemical ■ Metal Ore ■ Mining & Mineral ■ Cosmetics ■ Food ■ Pharmaceutical ■ Plating ■ Thin Films Coating ■ Environmental ■ Art & Antiques ■ Forensics ■ Soils & Grounds



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Mobile Analyzers

S-Mobile PD/SDD/ULS

Compact mobile analyzers that can easily be transported between sites. When the task calls for fast real-time high quality results the S-Mobile spectrometers are the perfect answer for the job. These analyzers are capable of rendering sensitive and precise analysis, similar to laboratory class analyzers.

Optional Silicon Drift Detector (SDD) features higher-count rate and resolution (down to 123eV), for a better analysis and a faster response, to minimize operational down time.

The optional ULS Version- enables the S-Mobile portable analyzer to be specially adapted for Ultra Low Sulfur application in diesel, oils, fuels, gasoline & other distillates. It complies with the latest and strictest international standard regulations for low sulfur concentration levels analysis: ASTM D7212, D4294 and ISO 20847, IP531.



Bench Top Analyzers

X-Calibur PD/ SDD/LE

High powered, accurate EDXRF bench top instrument that can be customized of a wide range of applications. Available Detectors: Silicon Drift Detector (SDD), Light Elements (LE) Detector or Si-Pin (PD) Detector.

RoHS Vision/X-RoHS⁺SDD

The fast and easy method for ensuring compliance with RoHS and WEEE regulations for the restriction of hazardous and heavy metals. X-RoHS⁺SDD Advantages: In addition to the RoHS analysis, this innovative analyzer provides full qualitative and quantitative analysis of elements from Flourine (F) to Fermium (Fm) using state-of-the-art Silicon Drift Detector.

X-Cite PD/SDD

Cost-effective system that features 35KV, 9W X-Ray technology. This cost-performance ratio makes it the ultimate solution for various analytical needs, catering even for the most budget sensitive customer, featuring quick Return of Investment (ROI) backed by cost of ownership calculations. Optional: Silicon Drift Detector (SDD) with 40KV, 18W.

X-PMA

Precious Metals Analyzer, for which no sample preparation is required. Small size samples can be analyzed using the micro spot beam. Its main advantage is high



Laboratory Analyzers

EX-3600/EX-6600/EX-7600

Xenometrix's laboratory Energy Dispersive X-ray Fluorescence (EDXRF) spectrometers offer the ultimate non- destructive solution in elemental analysis applications.

The Silicon Drift Detector (SDD) simultaneously delivers lower electronic noise and a higher count rates, which is translated into higher energy resolution and faster results, in comparison with Si-PIN detector.

Eight secondary targets in the EX-6600 & EX-7600 version and one secondary target in the EX-3600 version, provide maximum sensitivity for fast and precise quantification even in complex matrices such as alloy, plastic and geological samples. Targets are fully customizable to achieve sub-ppm detection limits in a wide variety of elements.

The versatile laboratory spectrometers can analyze liquids, solids, slurries, powders, pellets and air filters, while the analytical chamber can accommodate samples of different shapes and sizes. The integral design of the 10-position autosampler permits minimal human intervention while allowing automatic loading and unattended operation.

This fast, accurate, easy-to-use spectrometer is equipped with robust hardware and powerful analytical software, to achieve low detection limits.



Xenometrix

The Ultimate in Field Analytical Performance