

SPECTRO **xSORT** XHH04

Handheld ED-XRF Spectrometer



Compliance Screening and
Elemental Analysis On-Site

Helping to meet the legislative challenge with SPECTRO xSORT

National and international legislation has been introduced around the world aimed at reducing the health and environmental impacts of a variety of harmful substances in consumer goods and other manufactured products. Controls exist not only on the materials used in manufacture but on the procedures used for disposal of products at the end of their useful lives. Different standards apply in different countries to products as diverse as electrical and electronic products, toys and cosmetics. Certain notorious elements of very high concern, especially lead, figure widely in the legislation, so elemental analysis may be the only way of demonstrating compliance.

Enter the SPECTRO xSORT.



THE SPECTRO xSORT HANDHELD X-RAY FLUORESCENCE (XRF) SPECTROMETER

furnishes high-throughput, highly reliable elemental testing and spectrochemical analysis of countless sample types for compliance screening in widely varying conditions.

FAST

For many compliance screening tasks, SPECTRO xSORT displays results in less than a minute! Screening even a large site or sizable pile of material takes hours, not days.

EASY

Reduced in size compared to previous models and well balanced, SPECTRO xSORT is optimized for day-long, fatigue-less, one-handed operation. The ergonomic design includes a light-squeeze trigger; a 5" big, easy-reading, wide-angle, high-definition display; extra physical buttons ideal for gloved hands — and a smaller probe head for access to tight spots. Results: effortless operation with all-day comfort.

The instrument is provided with a small and portable stand. In addition, a larger docking station is offered as an option. Both support a faster turnaround-time as during the time one sample is tested, the next one can already be taken and prepared for analysis.

Setting up the sample stand is easy as setting up a deck chair. Mounting the instrument into the docking station and connecting it to an external computer is easier and faster than ever before.



SPECTRO **xSORT** advantages everywhere you go

Optional overview camera — capture images or barcodes / QR codes

Optional GPS for location & documentation

Optional target video camera — test spot images

SPECTRO xSORT grab one and go

SPECTRO xSORT

SPECTRO xSORT provides reliable, high-productivity measurement and analysis. Get compliance screening results on-site. Increase sampling frequency, reduce overall turn-around times, and reduce overall cost by sending less samples to the lab for analysis.

Excellent Support

AMECARE Performance Services maximize uptime for products and services from SPECTRO Analytical and associated companies. The program is staffed by hundreds of experienced service engineers in 50 countries. They provide high-value, customized support for optimum performance plus the longest possible equipment life. Ask about proactive performance maintenance, performance upgrades, applications solutions, consultation, targeted training, and ongoing support.

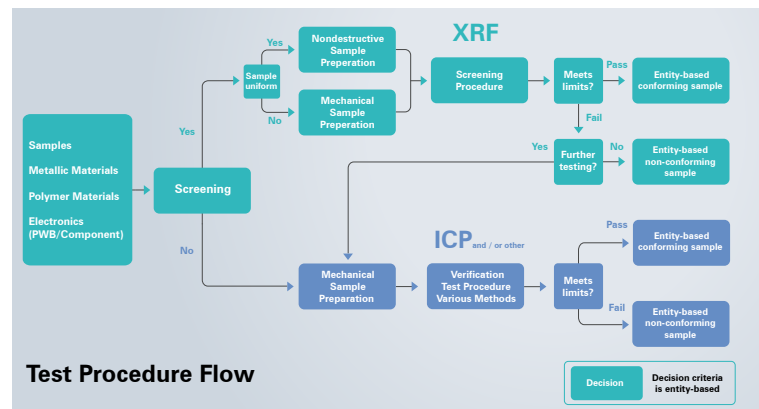


Complete Line

The innovative handheld solution SPECTRO xSORT joins SPECTRO's small spot analyzers SPECTROCUBE D and SPECTRO MIDEX as well as the benchtop ED-XRF flagship SPECTRO XEPOS in the field of compliance screening. As the operation software XRF Analyzer Pro uses the same structure in all the XRF instruments from SPECTRO, operators benefit from a fast learning curve when using an additional analyzer from this product family.

While XRF is recommended for screening measurements, international standards also recognize that only methods that eliminate sample effects can be used as verification tests for the final confirmation of compliance. These are invariably techniques, such as ICP-OES. Instruments like the SPECTRO ARCOS exemplify the state-of-the-art in this field.

Whatever the product, SPECTRO's 40-plus years of experience in elemental analysis — along with its unparalleled technical innovation and excellence — ensure the best results in the business.



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