

X-MET8000

HITACHI
Inspire the Next



REGULATORY COMPLIANCE SCREENING



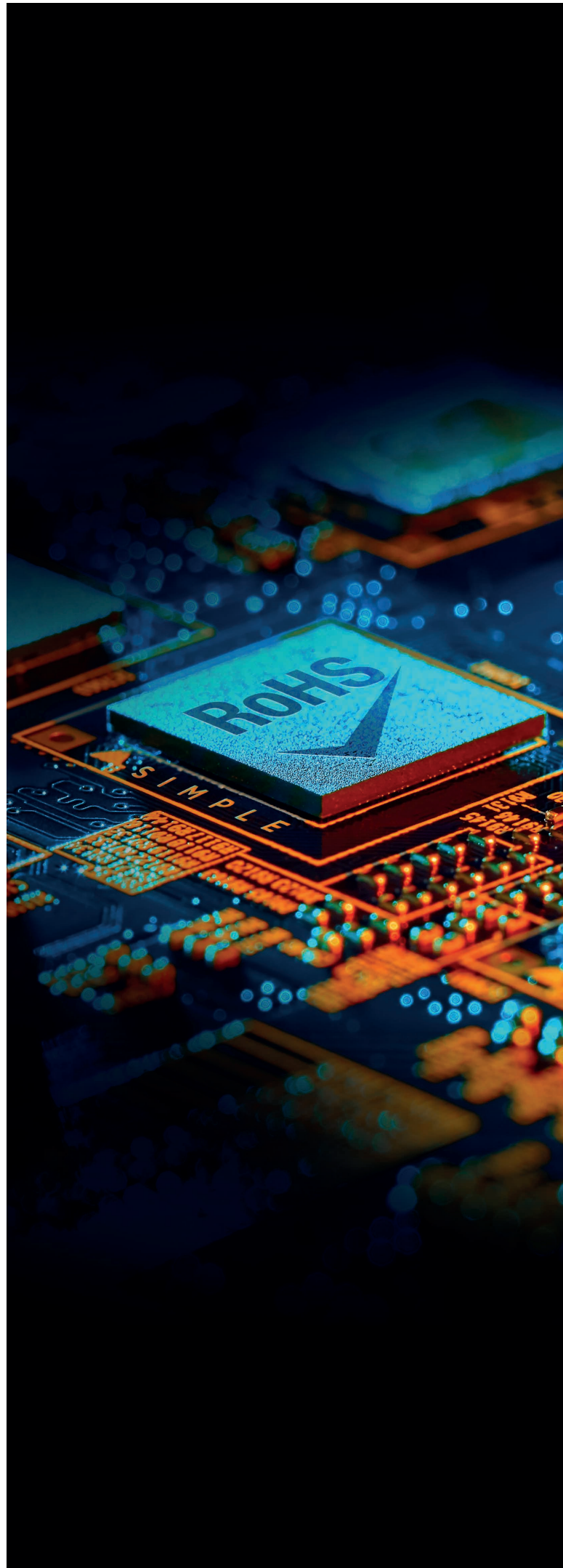
X-MET8000 Expert CG

The X-MET8000 Expert CG is a handheld X-ray fluorescence (XRF) analyzer designed for fast, non-destructive, and reliable regulatory compliance screening, including RoHS, CPSIA, ELV, WEEE, EN71-3, and Prop 65.

Fast Results: Obtain reliable screening for 35 elements, including Pb, As, Cd, Hg, Cl, and Br, in seconds.

Cost-Effective: Enhance productivity and significantly reduce laboratory analysis costs.

Regulatory Compliance: Conforms to IEC Method 62321 as per Consumer Product Safety Commission (CPSC) rules.



Why the X-MET8000 is the perfect tool for your business

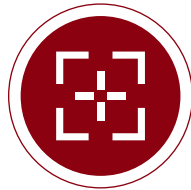
RAPID & RELIABLE SCREENING



Screen consumer products for toxic elements (Pb, As, Cd, Hg, Cl, Br), metal parts and fasteners for composition and grade, polymers and plastics (Cl and Br), packaging materials (Cd, Pb, and Hg), and electronic components (Cd, Pb, Br, Hg, Cr), and more.

Ensure the quality of solder (Sn, Pb, Cu, Ag, Bi, Cd) from bar stock to ladle dips and solder balls, and verify the presence of required Pb in high-reliability electronic components.

OPTIMIZED CALIBRATIONS



Robust fundamental parameters (FP) methods and empirical calibrations ensure superior accuracy. Auto-detect “Mode” identifies sample types for seamless calibration selection.

EASY TO USE



A customisable results screen displays elements of interest and color-coded message for quick decision making. You can define and modify element limits/action levels to remain in line with current legislation. It's light (1.5kg), ergonomic and with a battery life of 10–12 hours, it's comfortable for daily use.

POWERFUL DATA MANAGEMENT



Store results securely with ExTope Connect, our cloud-based service. Generate custom reports using the X-MET report generator, and instantly share results with suppliers, customers, or colleagues via the ExTope app.



COMPREHENSIVE RANGE OF ACCESSORIES

Choose what you need to help you get the job done.



- Measure small features or components accurately and repeatably with the **X-MET**'s small-spot collimator
- Light radiation shield and background plate to minimise scattered radiations from low-density samples (e.g. plastics) and optimise accuracy for thin samples
- Transform the **X-MET8000** into a benchtop analyser with the benchtop stand, for the measurement of small, low density, and irregular shape samples

SUPPORT WHEN YOU NEED IT

Our global network of service hubs can offer a full range of technical support to keep you up and running.

Other products

We have been providing industrial analysis products for over 40 years.

| **Microspot XRF:** rapid quality control and validation testing for electroplating, galvanising, PVD and CVD operations.

EA1000 Series: detect metals and phthalates covered under regulations. The analyzers come pre-loaded with RoHS software and calibrations can be updated as directives change over time.

What next?

Contact one of our experts today at contact@hitachi-hightech-as.com to arrange a demo.

MORE INFORMATION

To find out more about the X-MET8000 range of analysers, visit

www.hitachi-hightech.com/hha

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