

# X-MET8000

EXPERT GEO

**HITACHI**  
Inspire the Next



SOIL

The X-MET8000 Expert Geo is an X-ray fluorescence (XRF) analyser for on-site environmental soil and sediment screening. Carry out high volumes of analyses and complete testing programs quickly, reducing the need for laboratory analyses and their associated costs.

Our large area silicon-drift detector (SDD) and revolutionary BOOST™ technology provide up to 10 times the sensitivity of other handheld XRF models. This delivers the low limits of detection needed to measure critical elements (e.g. US EPA Method 6200 RCRA and priority elements) accurately.

The X-MET's integrated GPS enables you to combine geolocation data with analyses results for flawless contaminants site mapping. It also works with Trimble® receivers for more accurate location data.



# Why the X-MET8000 Expert Geo is the perfect tool for your business



## MEET CURRENT AND FUTURE TESTING REQUIREMENTS

Measure up to 40 elements with our standard soil calibration; create empirical calibrations tailored to your specific requirements without having to return the analyser to the factory. A blank and certified soil check samples are provided to ensure measurement traceability and accuracy.



## LOW COST OF OWNERSHIP

Withstands the harshest environments and weather conditions, X-MET is IP54 compliant (equivalent to NEMA 3) for protection against dust and water, and tested to the MIL-STD-810G military standard for ruggedness.



## EASY TO USE

Intuitive user interface with large icons that can be used with gloves on. Its customisable 4.3" colour touchscreen provides excellent results visibility even in direct sunlight. Only minimal training is needed.



## ADVANCED DATA MANAGEMENT

Store up to 100,000 results on the analyser, download them to a USB stick or PC in CSV format or tamper-proof PDF. Print results on-site on a portable Bluetooth printer and attach them to sample bags to avoid mix-ups.

You can share the results on-the-go with our app and our cloud service enables you to export results securely in real-time. You can even manage results from a whole fleet of X-METs with a single account.



## COMFORTABLE

Light weight (1.5 kg), great ergonomics and a 10–12 hour battery life ensure uninterrupted workflow and minimum fatigue.



# Optional accessories

We offer a comprehensive range of accessories to make testing even easier.

## X-MET POLE

For hard to reach analysis places, the X-MET pole offers a simple solution with improved measurement ergonomics. It's particularly useful when measurements are required over a large area.

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## BIPOD

Where longer analysis times are required, i.e. greater than 30 seconds, the bipod avoids the need to hold the analyser in your hand.

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## BENCHTOP STAND

The X-MET benchtop stand offers a fast, simple transition from portable to benchtop configuration, allowing increased throughput analyses for samples in bags or cups.



## QUICK-SWAP ANALYSIS WINDOW

Our quick-swap analysis window means you don't need a tool to change the window if it's broken or dirty, preventing potential detector damage and costly repairs.



# Our Service

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



## Telephone help-desks

For a fast response to your problem.



## Online diagnostics

In-depth support over the internet.



## Recertification and maintenance

Ensures your analyser produces the right result year after year.



## Training

Understand your analyser and its features.



## Extended warranties

Avoid unplanned costs.



## Consumables and accessories

From spare batteries to benchtop stands.



## Repairs

Fast and efficient turnaround.

# What next?

Contact one of our experts today at [contact@hitachi-hightech-as.com](mailto:contact@hitachi-hightech-as.com) to arrange a demo.

## MORE INFORMATION

To find out more about the X-MET8000 Expert Geo analyser, visit [www.hitachi-hightech.com/hha](http://www.hitachi-hightech.com/hha)



## Other products

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

Browse our full range of products online at [www.hitachi-hightech.com/hha](http://www.hitachi-hightech.com/hha)

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