

# LAB-X 5000

**HITACHI**  
Inspire the Next<sup>®</sup>

Quality control made easy



**BULK MATERIALS**

# Tried and trusted

For over 45 years, our LAB-X analysers have been counted on for reliable analysis in production control and testing laboratories.

With the LAB-X5000 we have made analysis faster, easier and more versatile than ever before by combining software inspired by our leading line of point-and-shoot handheld analysers with hardware features built for high-throughput laboratory testing.

The strength of the LAB-X5000 is its simplicity and robustness. The streamlined interface makes it easy for any operator to get repeatable results with a single touch of a button. The automatic sample positioner moves the sample away from the X-ray tube and detector after measurement to protect against damage from spills.



Feature	LAB-X5000	X-Supreme8000
Element range (depends on application)	Na - U	Na - U
Sample tray capacity	1	10
User interface operation	Touch screen	MS Windows OS, touch screen, keyboard and mouse
Atmospheric compensation	●	
High-resolution detector	●	●
Helium purge for improved analysis of Na - Cl	●	●
Sample spinner	●	●
One touch to start measurement	●	
Automatic data storage	●	●
Cloud-based data backup with ExTOPE Connect	●	
Factory-loaded calibrations for selected applications	●	●
Printer	Integrated (optional)	Desktop (supplied by user)



# Reliable XRF analysis

The LAB-X5000 is the ultimate elemental analysis tool for fast and easy quality control.

The software has been streamlined for simplicity, increasing testing throughput by reducing the time between collecting a sample and getting results. Our expert developers have optimised the analysis routines and hardware selection to get high quality analysis of petrochemicals, paper, polymers, minerals and general chemicals.

The large industrial-grade touch screen display makes it easy to see results including pass/fail judgments and SmartCheck messages that can provide instructions on how to handle a sample that is out of specification. To take full advantage of the flexibility of the LAB-X5000, advanced users can easily create calibrations for new applications.

Conform to test norms from ASTM, ISO, EI/IP and more with ease and confidence.



# 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.



## Remote diagnostics

In-depth support over the internet.



## Preventive 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 sample preparation to calibration standards.



## Repairs

Fast and efficient turnaround.

## MORE INFORMATION

To find out more about our XRF solutions, visit [www.hitachi-hightech.com/hha](http://www.hitachi-hightech.com/hha)



# Other products

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

- | **Benchtop XRF:** the X-Supreme8000 offers additional versatility and features for more complex analysis.
- | **Handheld XRF:** for portable analysis of large parts and regulatory compliance screening of consumer goods and electronics.
- | **Micro spot XRF:** for precise analysis of the smallest samples and features.

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Science for  
a better tomorrow