

# LAB-X 5000

**HITACHI**  
Inspire the Next

Silicone coatweight analysis you can rely on



RELEASE LINERS

# The best choice for silicone coating analysis

The LAB-X5000 is ideal for paper and film producers wanting cost-effective quality assurance for release liners, double-sided film and more.

At its heart is a high-resolution X-ray fluorescence detector, developed by Hitachi High-Tech for precise and repeatable results in laboratory and production environments. However, it is the LAB-X5000's design that really drives its efficiency. Sample preparation and testing processes are intuitive, requiring minimal operator training. And the LAB-X's technology enables high testing throughput, allowing adjustments to your process to be made quickly, saving you money.

The instrument's settings can be fine-tuned to ensure the perfect silicone coatweight is achieved without waste of expensive material. Your customers get quality products time after time, while you benefit from improved efficiency.





# Accurate silicone coatweight, first time, every time



## EASE OF USE

Samples are easily prepared using a disc cutter, and little training is required – just load the sample and press the button.



## SPEED

Initial analysis appears within seconds with results displayed on the touch screen. Measurement takes less than one minute.



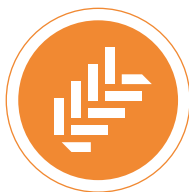
## ACCURACY

The LAB-X5000 includes pre-set parameters for the precise measurement of silicone, and it autocorrects for any interference caused by clay in the paper.



## COST EFFICIENCY

The machine is built to offer very low cost of ownership. In addition, built-in atmospheric compensation means you don't need to purchase and store helium, reducing your cost per analysis.



## DURABILITY

Our product testers have put the LAB-X5000 through a rigorous array of drop, vibration and chemical tests. Built to last, it's tough enough for use in both laboratories and harsh production facilities.



## RELIABLE

For decades, paper and film companies have trusted LAB-X benchtop analysers to provide consistent productivity, to ensure the quality of their high performance products, and satisfied customers.

# Powerful and flexible

The versatile range of features included in the LAB-X5000 make it ideal for both lab and production environments.

## Features

<b>One touch measurement</b>	Inspired by our point-and-shoot handheld analysers, with the LAB-X5000 you can simply load your sample, press START and analysis begins.
<b>Intuitive interface</b>	With no complex menus to wade through, the time between preparing the sample and receiving results is minimal, thus helping to increase productivity.
<b>Large touch screen</b>	The 7-inch industrial grade touch screen is durable and clearly displays results and options for refining your testing method.
<b>Sample spinner</b>	Compensates for potential sample coating heterogeneity to deliver repeatable results.
<b>Data storage</b>	Store up to 100,000 results and spectra locally on the LAB-X5000.
<b>Cloud-based service</b>	Export results safely and conveniently via WiFi and manage your analysis programme using our cloud-based service.
<b>Built-in printer</b>	The LAB-X5000 built-in printer creates hard copy reports automatically or on-demand.
<b>SmartCheck</b>	Customise pass and fail criteria to streamline complex testing processes.
<b>Element range</b>	Mg to U.

For decades, the LAB-X has been trusted by the silicone industry for its reliability, ease of use, stability and ruggedness.

# Our Service

Hitachi High-Tech's global network of service hubs offers a full range of technical support to keep you up and running:



## Telephone help-desks

Whenever you have a problem, we're ready to help.



## Online diagnostics

In-depth and rapid support via our website.



## Training

To help you get the most out of your analyser and its full range of features.



## Extended warranties

To provide peace of mind and avoid unplanned costs.



## Repair and maintenance

We offer a fast and efficient repair service, recertification and maintenance through our service agreements. This ensures your analyser is maintained in excellent condition and avoids any unplanned costs.



# 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 LAB-X5000 visit [www.hitachi-hightech.com/hha](http://www.hitachi-hightech.com/hha)



## Other products

With over 40 years experience developing XRF analysers, we offer a range of related products, including:

- | **X-Supreme8000:** an XRF benchtop analyser which boosts testing efficiency, quality assurance and process control, and offers a multiple sample tray for increased operator productivity.

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



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 Science for a better tomorrow