

# MAXXI6

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

Where every mil or micron counts



**COATINGS**

# The right solution

Achieving specified coating thickness and composition targets is critical to ensuring that functional requirements are met and waste from over-plating and rework is avoided.

Coatings analysis based on X-ray fluorescence is industry-proven and offers fast, non-destructive analysis.

The MAXXI 6 is designed to measure single-layer and multi-layer coatings – including alloyed layers – for the electronics and metal finishing markets. The instrument is optimised to ensure you get reliable, repeatable results for hundreds of applications including PCB surface finishes, connector coatings, corrosion resistance, decorative finishes, wear resistance, high temperature resistance and more.



Typical applications	Microspot XRF MAXXI & X-Strata series	Handheld XRF X-MET8000 series	Eddy / mag CMI series
Zn / Fe, Cr / Fe	✓	✓	✓
ZnNi / Fe, SnZn / Fe	✓	✓	
Cr / Ni / Cu / ABS	✓		
NiP / Fe	✓	✓	
Zr, Ti, Cr pre-treatment at nm-scale		✓	
Multi-layer analysis	✓		
Large, heavy parts		✓	✓
Anodizing			✓
Paint on metals			✓

## Ultimate versatility

The MAXXI 6 combines the superior resolution of SDD technology, an oversized and slotted chamber, and powerful software to measure thickness and composition of up to 4 layers covering a wide element range from <sup>13</sup>Al to <sup>92</sup>U.

Use the motorised, programmable stage to automatically measure multiple samples or various locations on a single sample.

Featuring powerful, intuitive SmartLink software and high-resolution SDD technology, the MAXXI 6 can analyse the most challenging applications.



# 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.
- | **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.

## OVER 1,000 APPLICATIONS TESTED

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

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



# Other products

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

- | **Micro spot XRF:** for precise analysis of the smallest samples and features.
- | **Handheld XRF:** for portable coatings analysis of parts too large or heavy to fit in a benchtop system.
- | **Electromagnetic gauges:** for rapid thickness measurement of PCB copper, paint, anodising, electroplating and galvanising.

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Part number: 6300000129

 Science for a better tomorrow



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