

X-STRATA 920

HITACHI
Inspire the Next[®]

Where every mil or micron counts



COATINGS

The right solution

Coating thickness measurement based on X-ray fluorescence (XRF) is an industry-proven technique, offering fast and non-destructive analysis.

The X-Strata920 is designed to measure single-layer and multi-layer coatings – including alloyed layers – for both the electronics and metal finishing industries. Our in-house applications experts have optimised the X-Strata920 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.

Where every mil or micron counts, the X-Strata920 gives you the precision and reliable results you need.



Reliable coatings analysis

The X-Strata920 offers three configurations to fit parts of any shape.

The slotted chamber fits small parts as well as long, skinny samples, the mini-well chamber gives you the flexibility to measure taller parts. Choose the motorised, programmable stage to automatically measure multiple samples or various locations on a single PCB.

The X-Strata920 is a great tool for ensuring target specifications are met while reducing costs by avoiding over-plating and re-work. The operator simply loads the samples and positions it under the on-screen target, aligns it using the laser focus and starts the measurement. Results are displayed in seconds and the operator can then quickly move on to the next task. You will have confidence in the results thanks to the optimised calibrations created with traceable standards.

Use the X-Strata920 to conform to industry norms such as IPC-4552A, ISO 3497, ASTM B568 and DIN 50987.

Become an expert user in only minutes with intuitive, powerful SmartLink software, designed to simplify routine analysis for any operator.



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.

MORE INFORMATION

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

To find out more about our coatings solutions, visit 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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