



The Magnificent Mount Fuji

Message from Our Director

Dear Valued Customer,

As we launch the inaugural issue of the CoreTech Newsletter, I want to extend my heartfelt thanks for the trust you've placed in us. Your support is the foundation of our success, and it's a privilege to serve you.

At CoreTech, we are committed to continuous improvement and innovation. Our goal is to stay aligned with your evolving needs and to earn the trust you've bestowed upon us. This newsletter is a step towards that commitment.

Over the past 17 years, we've dedicated ourselves to building a team that delivers superior instrumentation and customer support for surface analysis. Our daily work and collaboration with industry experts have allowed us to amass a wealth of knowledge, which we are excited to share with you through this newsletter.

We hope you find this publication both enjoyable and informative. Your feedback is invaluable, so please don't hesitate to share any comments or suggestions.

Thank you once again for your continued support.

Warm regards,

Top News

New Product Launch:
Introducing CHARGEFREER, the Revolutionary Solution for eliminating charging issue in Auger Analysis.

Company Expansion:
Our expansion into Vietnam with the addition of our very first service engineer in the region.



Newsletter Highlight

Introducing CHARGEFREER: The Revolutionary Solution for Auger Analysis.

We're thrilled to announce that CHARGEFREER, our groundbreaking solution for eliminating charging issues in Auger analysis, is now available. Early adopters are already giving it rave reviews, and we're excited to see the difference this innovative and cost-effective product will make in the industry.

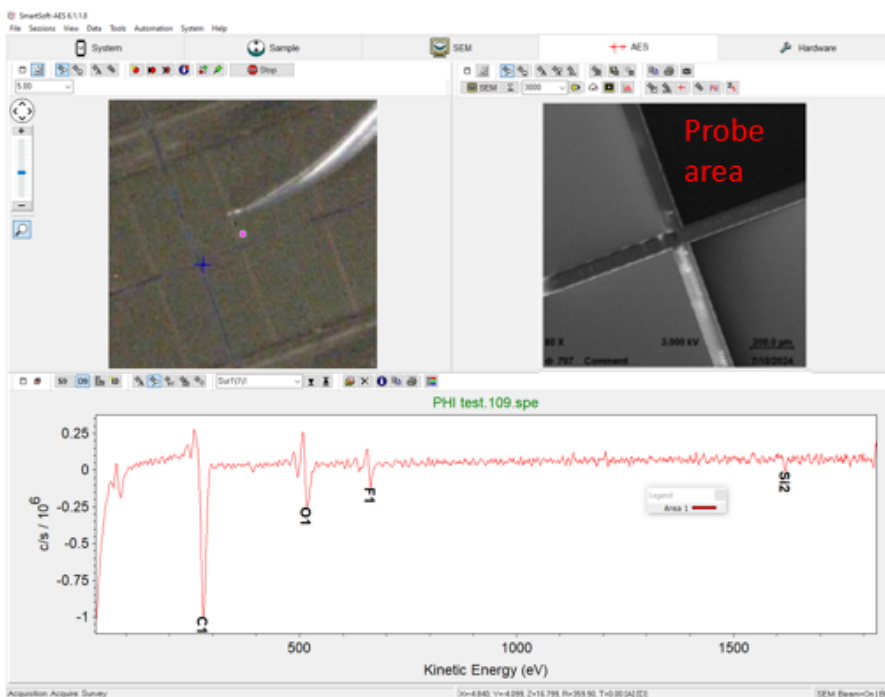
New Product Launched

Say goodbye to sample charging issues with our specially designed sample holder for AES systems. This innovative holder offers precise individual X, Y, and Z alignment, ensuring flawless adjustments for your most delicate analyses.

Our tailor-made probe holder serves as the ultimate alternative to traditional grounding methods, especially when analyzing bond pads. The hard metal probe establishes a direct physical connection with the bond pad, grounding seamlessly to the sample holder, enhancing the accuracy and reliability of your results.

The integrated joystick allows for effortless image navigation, enabling you to quickly and accurately position the sample for analysis. Upgrade your system with this advanced solution and experience unparalleled precision and ease.

Contact us today to unlock exclusive pricing on our latest innovation!



Sample information:

Sample surface mainly consists of a polymer containing polyimide. Polyimide, metal, and semiconductor layers are stacked one by one on the substrate, which is a Si wafer. The metal pad area is severely charging due to the influence of the surrounding non-conductive materials.

Instrument information:

PHI 710 Scanning Auger Nanoprobe



Manager, 丁慧敏, from PowerChip Semiconductor Manufacturing Corporation quoted: "After using CHARGEFREER and where the needle made contact, the sample changed from a state where it could not be measured under any SEM settings (even at 60 degree tilt, 1kV, 1nA, and 200x image magnification) to a state where it could be measured at 5kV, 6nA, non-tilt, with an image magnification of 3000x."



Thank you for taking the time to read our latest updates. We're committed to bringing you the best solutions and insights to help you succeed in your work. Stay tuned for more exciting news in our upcoming issues!

Contact Us:

We'd love to hear from you! If you have any questions, feedback, or would like to learn more about our products and services, please don't hesitate to reach out.

- Email: sales@coretechint.com ✉
- Phone: (852) 3748-9602
- Website: www.coretechint.com ✉

Newsletter Highlight

Welcome onboard, Nghia!



Everyone, hold on to your seats because we have a new superstar joining our team! We are ecstatic to introduce Nghia.

He brings with him years of field service experience and is dedicated to delivering an enhanced customer service experience for our clients in Vietnam.

Here is what Nghia has to say:
"Do everything perfectly, when customers are satisfied, we build on it; when customers complain, we improve. Change to succeed."