Have You Seen the Possibilities?





S-4800 30.0KV x500k SE(U) 100nm





VIEW FROM SATELLITE

6000km

https://doi.org/10.1017/S1551929500053360 Published online by Cambridge University Press

We understand the impact nanotechnology will have on our planet, and provide products and services with value based on the latest advances in technology. Our wide variety of ELECTRON MICROSCOPES can enable scientists to explore new approaches to solving the world's most challenging problems and empower countless applications to produce stronger, faster, smarter materials that promise to enhance our lives for the better.

Hitachi High Technologies America, Inc.

Electron Microscope Division Headquarters 5100 Franklin Drive Pleasanton, CA 94588 Sales Phone: (800) 227-8877 Service Phone: (800) 253-3053 www.hitachi-hta.com



Reality Check

GB mode at higher magnification. Untouchable resolution.

SEI

0.5kV

X300,000

10nm

WD 1.5mm

Unique GB mode. Reality revealed.

Normal SEM mode. Nice edges, but no detail.

JEOL USA

JEOL USA SEI 0.5kV X100,000 100nm WD 2.1mm

JEOL USA

Clarity. Now see surface details as they really are. Contrast. Reduce electron charge and enhance z-contrast. Control. Absolutely the highest resolution at the lowest kV. Suddenly, it's all clear. The JSM-7400F field emission scanning electron microscope from JEOL with unique GB mode lets you see the finest surface details. If you're imaging at the extreme nanoscale, call your JEOL sales representative for your own reality check, or visit www.jeol.com/7400f/.

Another Extreme Imaging solution from

978 - 535 - 5900

JEOLUSA SEI 0.5k Cla the Co and SEI 0.5kV X100,000 100nm WD 2.0mm CO res

