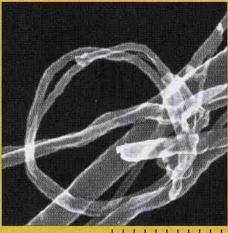
Have You Seen the Possibilities?

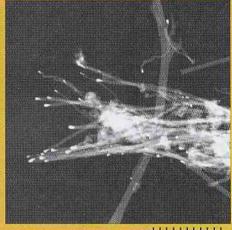


HD-2000 200kV x80.0k SE

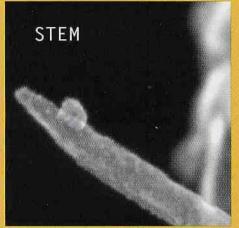




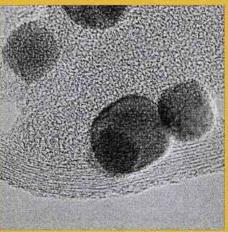
S-4800 30.0kV x200k SE(U)



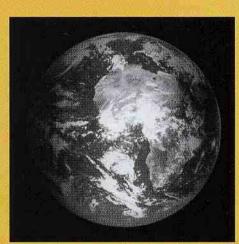
HD-2000 200kV x25.0k ZC 100nm



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



HD-2000 200kV x1300k TE 20.0nm



VIEW FROM SATELLITE

6000km

We Have.

At Hitachi, we envision a world of endless possibilities.

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

HITACHI Inspire the Next

Reality Check

GB mode at higher magnification. Untouchable resolution.

Unique GB mode. Reality revealed.

Normal SEM mode. Nice edges, but no detail.

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

JEOL USA

0.5kV X100,000 100nm WD 2.0mm

Another Extreme Imaging solution from

978 - 535 - 5900

Clarity. Now see surface details as they really are.

X300,000

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/.