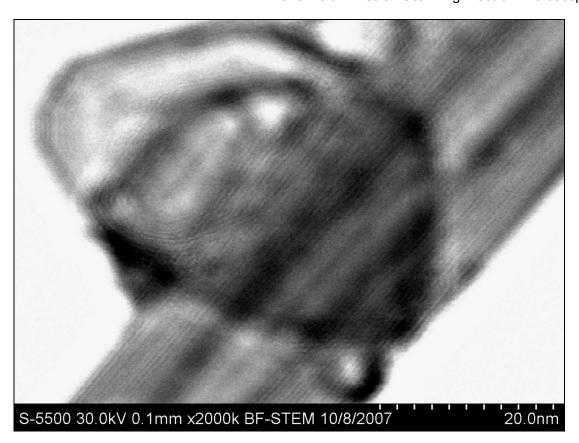


The Ultimate in Resolution.

Hitachi S-5500

In-lens Field Emission Scanning Electron Microscope



30kV STEM image of CNT 0.34nm lattice

The Hitachi S-5500 is a dedicated ultra-high resolution Inlens FE-SEM for leading edge research and development of nanotechnologies. The patented in-lens technology provides the ultimate performance of 0.4nm guaranteed imaging resolution.

The S-5500 is equipped with a shielding system for reduced EMI and acoustic interferences. These improvements with a completely dry vacuum system ensures Hitachi's high-resolution guarantee for the life of the instrument.

A newly designed BF/DF Duo-STEM detector (patent pending) contains an adjustable dark field detector for tunable collection angles.

Sometimes a single image can change the way we look at life. The new S-5500 with its advances in information collection will lead you to those opportunities.





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