

Hitachi new signals detection technique in cold and Schottky Field Emission SEM

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There are 2 different high-end electron sources, Schottky and Cold-FE, which have strengths and weakness in different complementary areas. It will be more important than ever to understand each tool's characteristics and propose the correct model to match research needs!

Hitachi is a manufacturer who consequently keeps developing FE-SEM products on both emitter principles, paired with different electron optical concepts, in order to offer uncompromised solutions for demanding applications.