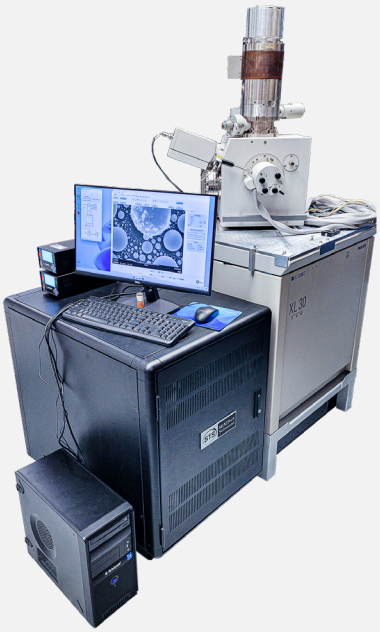
SEMTech Solutions, Inc.
3 Executive Park Drive
USA-North Billerica, MA 01862
Phone: +1 (978) 663-9822

Win11™ Refurbished SEMs and SEM Accessories

We transform SEMs from the major Original Equipment Manufacturers (OEMs) –

FEI, Hitachi, JEOL, ZEISS, AMRAY and others.

Our Win11™ refurbished SEM inventory is complete with Tungsten (W), LaB6 and Field Emission (FE) SEM columns.

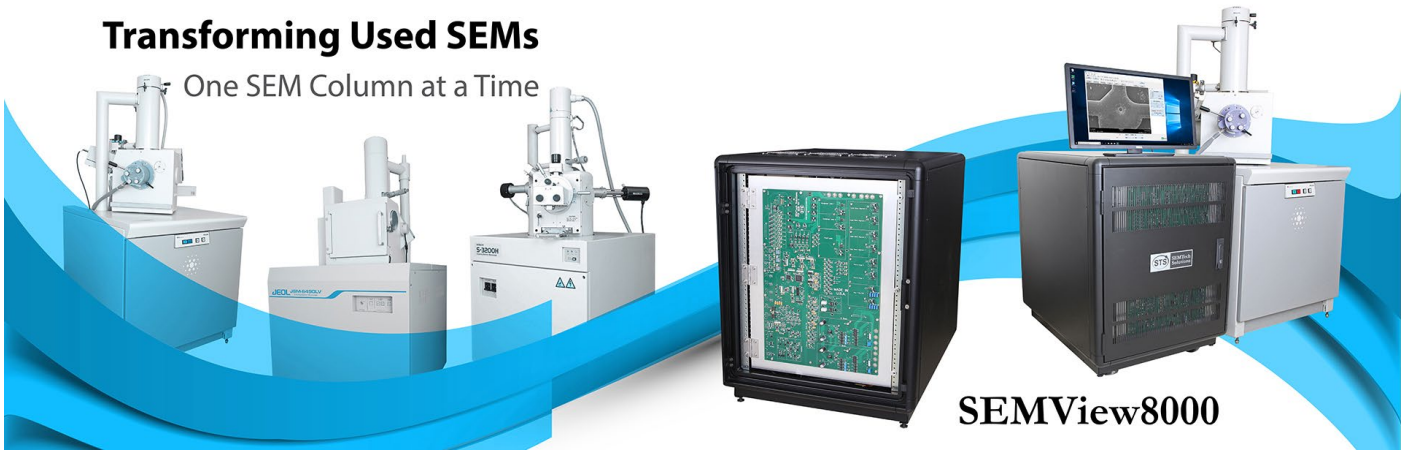


Our Win11™ SEM Upgrade Process

Your SEM column, powered by SEMView8000

If you are comfortable with your existing SEM column and accessories, there is no need to purchase a completely new system.

We offer a platform to extend your initial investment with improved technology, reliability, and IT networking.



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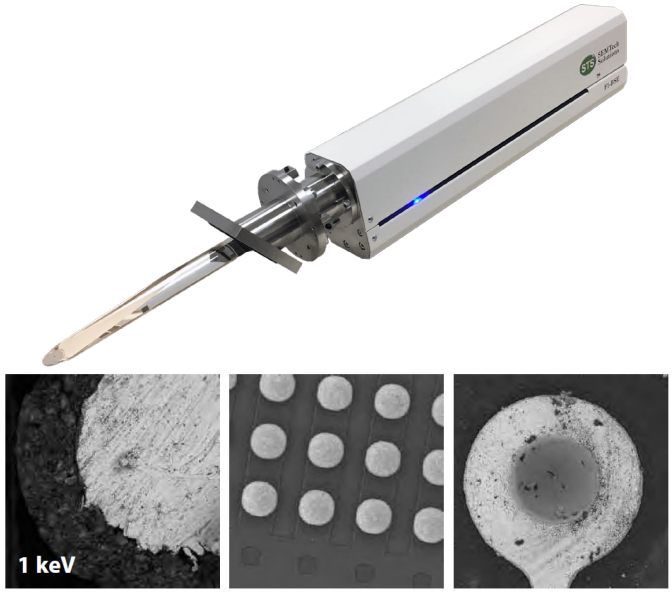
SEM Accessories with tight integration into the SEMView8000 Software

If you require a new SEM accessory, we provide cost-effective and reliable systems which fit most OEM models. Whether in-house or in the field, our service engineers are capable of installation on any SEM and provide training as well.

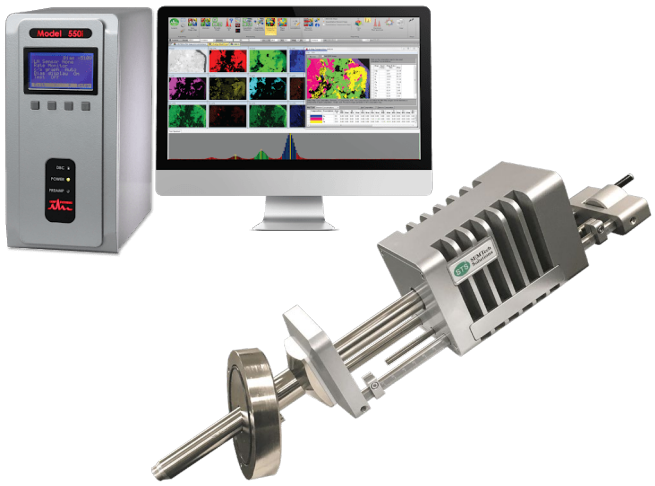
STS F1 BSE Detector

The STS F1 Motorized BSE Detector offers superior atomic number contrast imaging.



STS SD EDS Detector / EDS Electronics

Designed to be compatible with all commercially available SEMs and effortlessly interfaced with standard pulse processing electronics. We can customize a solution that works for you.



STS IR Chamberscope

The IR Chamberscope has been designed to fit into most brands of Scanning Electron Microscopes.

STS USB Autoranging Picoammeter

Provides 100fA resolution in a low-cost, easy-to-use instrument. It can quickly adjust sampling rate and filter values via software. This picoammeter can be integrated with the SEMView8000 or sold as a standalone unit to use with SEMs and FIBs.