

SEMTEch Solutions

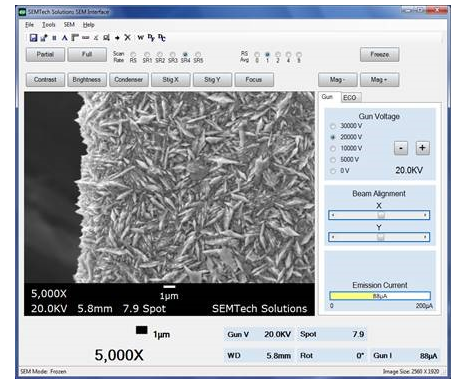
SEMTEch Solutions is a leading supplier of refurbished Scanning Electron Microscopes (SEMs), SEM Accessories and SEM Services. For 20 years, the goal of SEMTEch Solutions has been to breathe new life into older scanning electron microscopes. What makes SEMTEch Solutions unique is our in-house engineering design and manufacturing capabilities, along with a team of highly trained electron beam service engineers located throughout the United States and Europe. We offer SEM service support packages. SEMTEch Solutions has a track record for installing new features with advanced capabilities, so older SEMs will continue to meet the demanding requirements of our customers.

- SEMView8000 Universal SEM Upgrade**—The SEMView8000 is a universal, modern SEM operator’s console that extends your original SEM equipment investment. The SEMView8000 provides a complete replacement of the original equipment manufacturer’s (OEM) operating console. SEMView8000 benefits include a Win10 operating system and 64 MegaPixel image density. We replace the entire electronics console, PC cards and power supplies with new technology to drive the SEM column. Our Graphical User Interface software provides functionality, ease of use and connectivity required for today’s modern SEM laboratories.
- Scanning Electron Microscopes**—SEMTEch Solutions offers a wide range of used SEMs. We are committed to delivering the highest quality refurbished SEMs. We specialize in upgrading scanning electron microscopes with new accessories such as Silicon Drift Detectors (SDD), Back Scattered Electron (BSE) Detectors, and Infra-Red (IR) Chamberscopes.
- IR Chamberscopes**—The IR Chamberscope is designed and manufactured in our Billerica, MA factory and interfaces onto virtually all scanning electron microscopes. Worldwide OEM distribution available.
- Silicon Drift (SDD) EDS Detectors**—SEMTEch Solutions, in coordination with worldwide SEM detector manufacturers, are working together to provide universal cost-effective solutions for all pre-owned SEMs.
- Backscatter Electron (BSE) Detectors**—The SEMTEch Solutions F1 Motorized BSE Detector offers superior atomic number contrast imaging. The F1 BSE delivers the finest clarity, sensitivity and speed.

SEMTEch Solutions remains dedicated to preserving, extending and enhancing the operational lifetime of scanning electron microscopes worldwide.



SEMView8000



- Advanced Graphical User Interface**
- New Electronics**
- Existing SEM Column**



How to find us

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