SEM Tech Solutions

Mission
SEM Tech Solutions, a leading provider of refurbished scanning electron microscopes, aims to be a trusted partner for your SEM needs. Unlike typical resellers of used SEMs; we warranty, install, and service many of the pre-owned scanning electron microscopes we sell. Our customers include Fortune 100 companies, universities, and start-ups. Our mission is to provide high quality reconditioned SEMs, backed by an outstanding national field service organization.

Growth
Since the founding of SEM Tech Solutions 10 years ago, the core of our business continues to focus on reconditioned scanning electron microscopes and SEM accessories.

Five years ago, SEM Tech Solutions began representing international companies whose products are dedicated to electron beam technologies or nanotechnology. On a national level we represent Elionix in Japan, manufacturers of world class electron beam lithography systems, as well as NanoMaker, a SEM-based EBL pattern generator. On a regional level, we represent Hysitron in the Northeastern United States. Hysitron is the world leader in nanomechanical test instrumentation, and their recent introduction of in-situ SEM and TEM mechanical test instruments fits well into our existing customer base.

Two years ago, SEM Tech Solutions opened a FE-SEM / EDX service laboratory. Recently, an environmental SEM was added for non-coated sample observation. Our SEM Laboratory is managed by an experienced research scientist. Samples can either be mailed or customers can choose to walk-in and have their SEM / EDX analysis completed immediately.

The Company Today
Today, SEM Tech Solutions’ business comprises three main groups:

- **SEM Tech Solutions** (www.semtechsolutions.com) provides sales of refurbished SEMs, SEM accessories, and SEM service.
- **10 Angstroms** (www.10angstroms.com), a SEM Tech Solutions sales representation subsidiary, which focuses on electron beam lithography and nanotechnology instrumentation.
- **Analytical Test Laboratory** (www.atl.semtechsolutions.com), a SEM Tech Solutions SEM laboratory that offers FE-SEM, E-SEM, and EDX services.

How to find us
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At SEM Tech Solutions, we specialize in pre-owned SEMs; Digital Imaging Systems; IR ChamberScopes; Electron Beam Lithography systems, software, and components; in-situ systems for SEMs and TEMs; and SEM Lab services.
Preparation Equipment and Microscopy Supplies

Your single source for ALL your microscopy supplies and specimen preparation equipment.

- Vacuum Coating Systems
- Calibration Standards
- PELCO easiGlow™ Glow Discharge Unit
- SEM Sample Holders and Mounts
- Silicon Nitride TEM Membranes
- PELCO BioWave Pro® Tissue Processor
- TEM Support Films
- AFM Supplies
- Quality Laboratory Tweezers
- Vacuum Pick-up Systems
- Digital Stereo Microscopes

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