

TESCAN USA Inc.

Founded in 1991 by a group of managers and engineers from Tesla with its electron microscopy history starting in the 1950's, today TESCAN is a globally renowned supplier of Focused Ion Beam workstations, Scanning Electron Microscopes and Optical Microscopes. TESCAN's innovative solutions and collaborative nature with its customers have won it a leading position in the world of nano- and microtechnology.

In 2019, TESCAN launched their new Generation IV series of SEMs and FIB-SEMs to the global marketplace. These state-of-the-art systems provide the most advanced capabilities and quality performance for sample preparation.

TESCAN USA Inc. is the North American arm of TESCAN ORSAY HOLDINGS, a multinational company established by the merger of Czech company TESCAN, a leading global supplier of SEMs and Focused Ion Beam workstations, and French company ORSAY PHYSICS, a world leader in customized Focused Ion Beam and Electron Beam technology.

New Generation IV SEMs and FIB-SEMs:

- TESCAN S9000: Triglav™ UHR SEM
- TESCAN S9000G: Triglav™ UHR SEM with Orage™ Ga FIB
- TESCAN S9000X: Triglav™ UHR SEM with iFIB+™ Xe plasma FIB
- TESCAN S8000: BrightBeam™ SEM field-free UHR
- TESCAN S8000G: BrightBeam™ SEM field-free UHR with Orage™ Ga FIB
- TESCAN S8000X: BrightBeam™ SEM field-free UHR with iFIB+™ Xe plasma FIB

TESCAN continuously develops advanced products creating a competitive advantage for its customers. As a result, TESCAN's instrumentation and innovative solutions have won it a leading position in the world of nano- and micro-technology.

The company is focused on research, development and the manufacturing of equipment for the following:

- Scanning electron microscopes and ion beam stations
- Ion beam technology
- X-ray micro-CT systems
- Light optical microscopy accessories and image processing
- Special vacuum chambers and custom systems
- Supplementary accessories for SEMs
- Scientific software compatible with Windows upgrades



How to find us

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