

UHV Gemini Electronics and Software Upgrade

Give your UHV Gemini a second life by upgrading to the latest electronics and SEM software!

Experience the future of Scanning Electron Microscopy (SEM) with our state-of-the-art upgrade solution.

We offer a comprehensive upgrade that brings your existing system up to the latest technological standards.

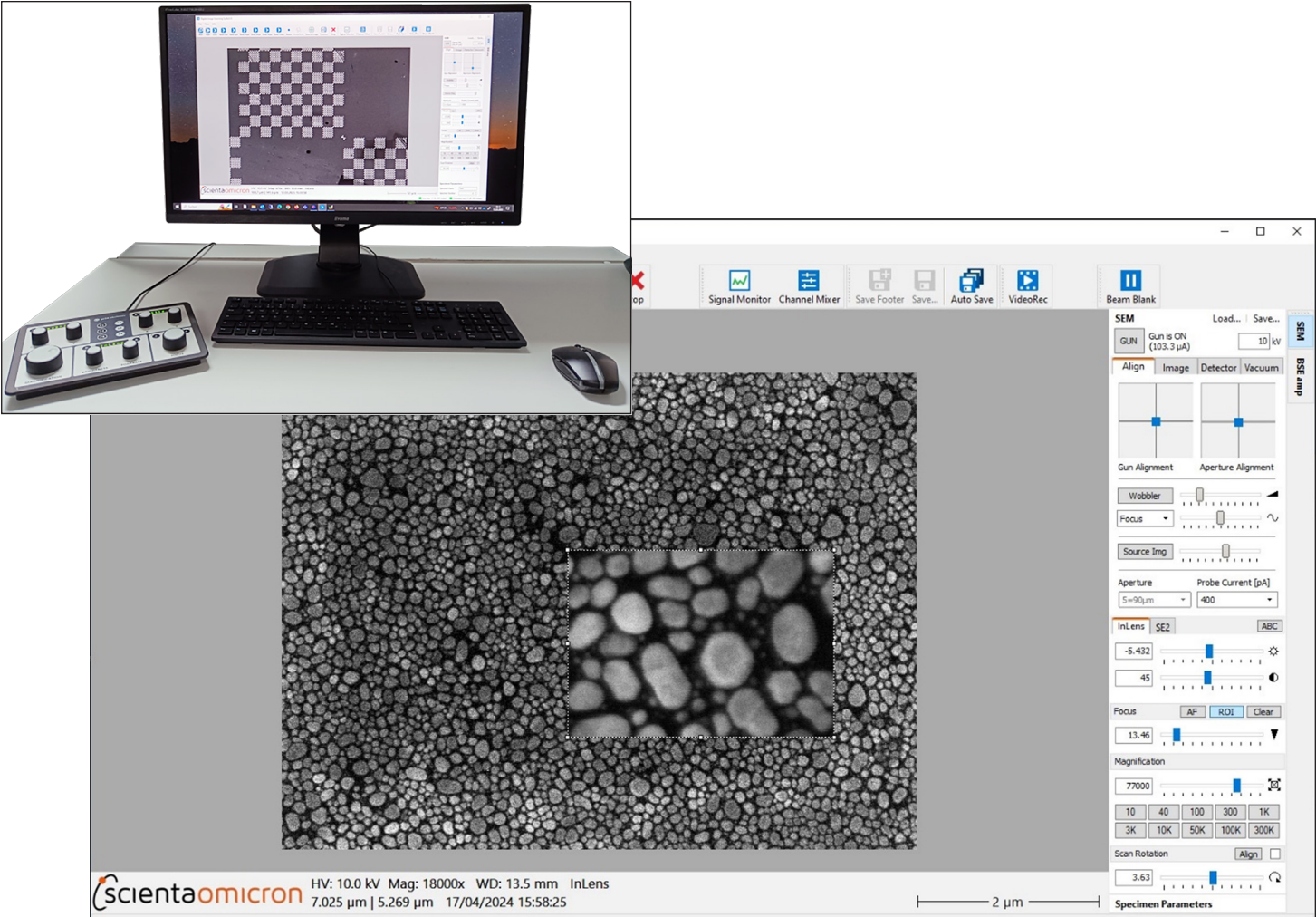
Features and benefits:

- **Stable, low noise electronics:** Enabling precise and reliable results
- **State-of-the-art technology with long-term support:** Our solution is cutting-edge and provides long-term support
- **Windows 11 PC:** Integrated powerful Windows 11 PC for seamless user experience
- **Control panel:** User-friendly, ergonomically designed control panel for easy control of the most important microscope parameters
- **Extended scan parameters:** Flexibility in imaging with scan parameters ranging from 10 ns to 500 ms
- **Counter Inputs:** Expand your system with new components thanks to versatile counter inputs
- **Sustainability:** Contribute to sustainability by upgrading instead of scrapping

Why upgrade?

With our UHV Gemini electronics upgrade, you not only gain improved performance and usability but also the assurance that your system is future-proof.





Summary

Part number:	PN07977-s
Parts included:	Gemini Electronics, Rack, Windows 11 PC with new software, 27 inch TFT monitor, Control Panel, Manuals, new Photomultiplier for In-lens SED
Prerequisites:	UHV Gemini system, Nanoprobe system
Limitations:	<ul style="list-style-type: none">No communication with matrix for e-spec, therefore limited use for NanoSAM systemsAuger Electron Spectroscopy will be applicableSEMPA on request only
Options:	<p>Mistral upgrade, on request</p> <p>Please see extra flyer: Mistral graphical user interface for systems with existing Scienta Omicron Mains/ System Controller V3/ V4/ V5</p>