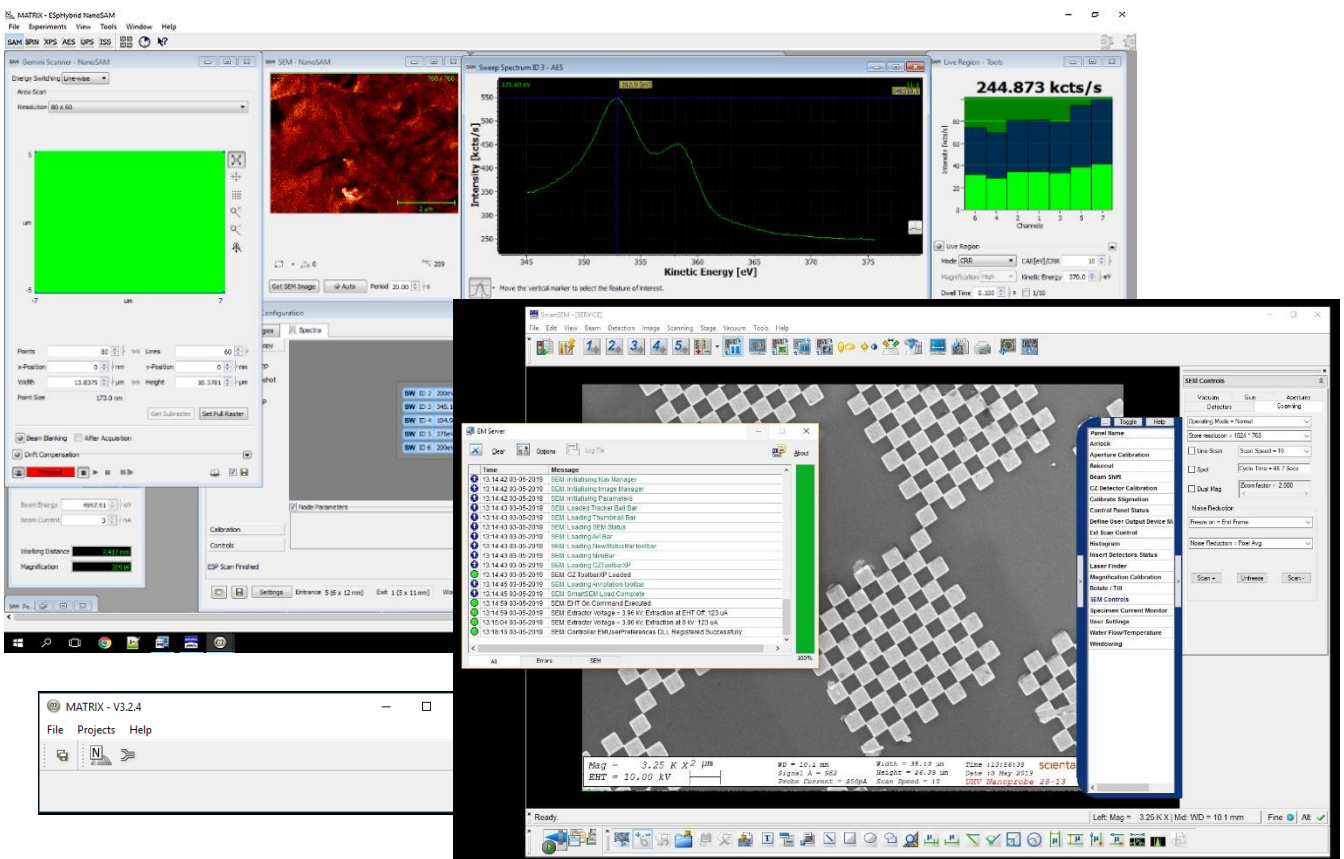


NanoSAM PC Upgrade Package

To Windows 10, SmartSEM 6.0 SP4 and Matrix for NanoSAM

PC and software upgrade includes:

- SEM measurement PC with 64-bit Windows 10 Enterprise operating system
- SmartSEM v6.0 software kit with Service Pack 4
- SmartSEM license pack for UHV Gemini and new USB hardlock
- Matrix for NanoSAM software for integrated SEM/ SAM measurements
- Fully pre-configured and custom integration of customer's hardware
- Adapterkit USB/ CAN
- Acronis backup software



The upgrade requires the **return of the adapted frame grabber card PN01367**, which will be installed on the new PC. The calibration cannot be imported automatically. We recommend a service visit to properly set up the TFE filament in the software and re-do calibration. A complete calibration requires the calibration samples **PN01704 Si grid** and **PN01701 gold islands on carbon**, which are usually supplied with each original delivery of an UHV Gemini system.

Summary

Parts Number: PN07202

Prerequisites:

- Scienta Omicron NanoSAM System with NanoSAM EA
- Framegrabber card rev. 3 or higher

Options:

- NanoSAM Analyser Electronics Upgrade Kit (required for older systems):
 - GPIB to USB adapter
 - Pulse to Ethernet Converter
 - PC adapter cable
 - Patch cable
 - USB extension cable