FEI Titan S Aberration-corrected TEM-STEM

Techniques/Capabilities:
• extreme Schottky-field emission gun (X-FEG)
• CEOS dodecapole probe (STEM) aberration corrector
• GIF Quantum with dual EELS and fast spectrum imaging capabilities
• Operating voltages: 60kV, 120kV, and 300kV
• HAADF/ADF/BF STEM detectors
• advanced version 2k X 2k UltraScan CCD
• CompuStage SuperTwin lens (±30° tilt)

Current available dedicated holders:
• FEI single/double tilting holders
• Vacuum transfer holder
• Nanofactory AFM/STM holders
• LN₂ cooling holder
• Protochip Aduro heating holder

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