

Zeiss (LEO) 1455 VP-SEM



Main System Features:

- Originally installed late 2001
- Serial Number 1450-0024
- Tungsten Filament
- Windows NT
- Integrated image capture software
- Everhart Thornley SE detector
- Variable Pressure SE detector
- KE Backscatter detector
- Chamberscope
- PGT Prism 2000 EDX system

Original Performance Specs:

- 3.5nm at 30kV, 5.5nm (BSD-VP mode)
- Magnification range: 9x to 900,000x
- Accelerating Voltage: 200V to 30kV
- Probe Current: 1pA to 1μA
- Variable Pressure: 1Pa to 400Pa

Stage & Specimen Handling:

- 5 axis motorized stage (XYZRT)
 - X travel: 100mm
 - Y travel: 125mm
 - Z travel: 123mm (35mm motorized)
 - Rotation: 360° continuous
 - Tilt: 0° to 90°
- Chamber dimensions
 - 340mm(w) x 300mm(d) x 279mm(h)

Facilities:

- Turbomolecular Pump main vacuum
- Alcatel backing (roughing) pump
- Thermo water chiller included



For more information, please contact:



Angstrom Scientific Inc.
PO Box 663
Ramsey, NJ 07446
Tel: (201) 760-2524
Fax: (201) 760-2525
info@angstrom.us
www.angstrom.us