

ELECTRON OPTICAL	<ul style="list-style-type: none"> • Long lifetime thermionic source (CeB6) • Multiple beam currents
ELECTRON OPTICAL MAGNIFICATION RANGE	<ul style="list-style-type: none"> • 160 - 200,000x
LIGHT OPTICAL MAGNIFICATION	<ul style="list-style-type: none"> • 3–16x
RESOLUTION	<ul style="list-style-type: none"> • <10 nm
IMAGE RESOLUTION OPTIONS	<ul style="list-style-type: none"> • 960 x 600, 1920 x 1200, 3840 x 2400 and 7680 x 4800 pixels
ACCELERATION VOLTAGES	<ul style="list-style-type: none"> • Default: 5 kV, 10 kV and 15 kV • Advanced mode: adjustable range between 4.8 kV and 20.5 kV imaging and analysis mode
VACUUM LEVELS	<ul style="list-style-type: none"> • Low - medium - high
DETECTOR	<ul style="list-style-type: none"> • Backscattered electron detector (standard) • Secondary electron detector (optional) • Energy-dispersive X-ray spectroscopy (EDS) detector (optional)
SAMPLE SIZE	<ul style="list-style-type: none"> • Max. 100 mm x 100 mm (up to 36 x 12 mm pin stubs) • Max. 40 mm (h)
SAMPLE LOADING TIME	<ul style="list-style-type: none"> • Light optical <5 s • Electron optical <60 s