

Microscopy Services Laboratory
Department of Pathology and Laboratory Medicine

LEO EM 910 Transmission Electron Microscope

Manufacturers:

Carl Zeiss SMT, Inc.
One Zeiss Drive, Thornwood, New York 10594
www.smt.zeiss.com

Gatan, Inc.
5933 Coronado Lane
Pleasanton, CA 94588
www.gatan.com

Description:

40 kV to 120 kV accelerating voltage
0.4 nm resolution
Eucentric goniometer - computer controlled in X, Y, Z, and tilt
Low dose imaging
Automated dark field
Digital imaging interface utilizing a Gatan SC1000 camera

MSL's LEO EM 910 is a research level transmission electron microscope. It is completely controlled by a series of internal computers that enable a great variety of functionality and serviceability. Additionally, it is interfaced to an external computer for the purpose of acquiring digital images utilizing a Gatan SC1000 CCD camera and Gatan's Digital Micrograph software. The microscope is maintained under a service contract with Zeiss.

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