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 Youk 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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