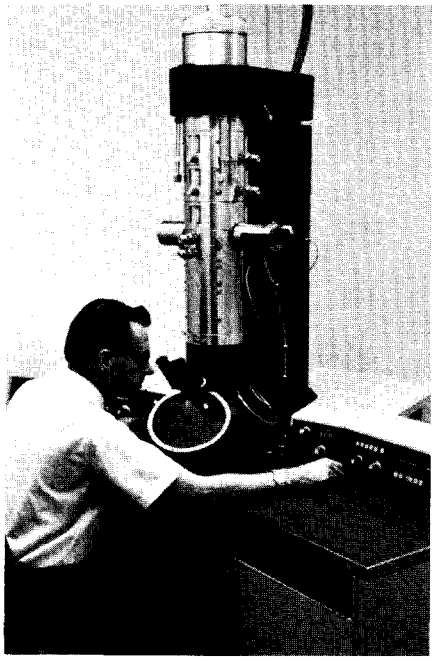
Philips EM 301 Electron Microscope

Photographed at Midland Macromolecular Institute, Midland, Michigan



Guaranteed resolution:
3.0 A Point to Point
2.0 A Line

KV range, selectable during operation:
20,40,60,80,100

Magnification:
16 cm screen . . . 100x to 1,000,000x continuous
16 cm screen . . . 33 fixed steps, to 500,000x reproducible to 2%
70 mm camera . . . 300x to 615,000x

Electron diffraction:
Selected area transmission diffraction patterns obtainable while in normal microscope stage; magnification 8000x to 500,000x

Effective camera length variable from 170mm to 10700mm

Dark field microscopy (Bragg reflections and Strioscopy)

Analytical microscopy (EDAX®)
EDAX is a Registered TM of EDAX International, Inc.

Scanning microscopy (Attachment)

Television imaging

PHILIPS ELECTRONIC INSTRUMENTS

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