



MODEL MRS "MINI-RAPID SCAN"

THE FIRST "TV SCAN MODE" TABLE TOP SCANNING ELECTRON MICROSCOPE

The MINI-RAPID SCAN is the specially designed scanning electron microscope for TV display. It is the more useful and convenient instrument within its magnifying range (x50 – x12,000) and is the only instrument of the price range under \$10,000.

TV display is very convenient for the survey of the specimens and the focus adjustment of the images. It also gives to use the other TV monitors and tape recorders under the normal lightening conditions.

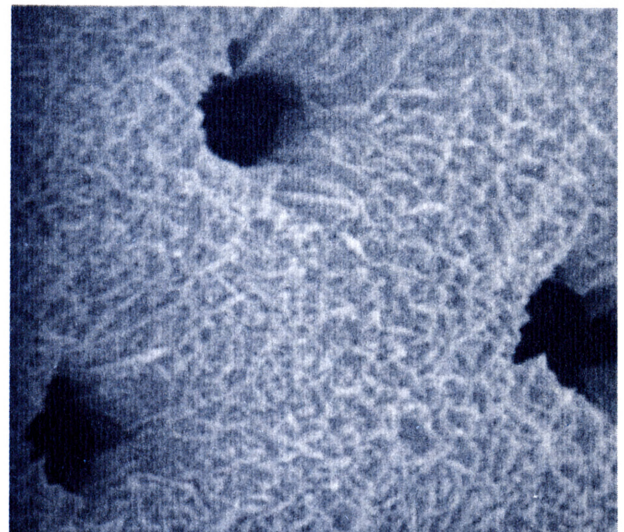
The installation and operation of the MINI-RAPID SCAN are very easy as same as those of the optical microscopes.

Specifications

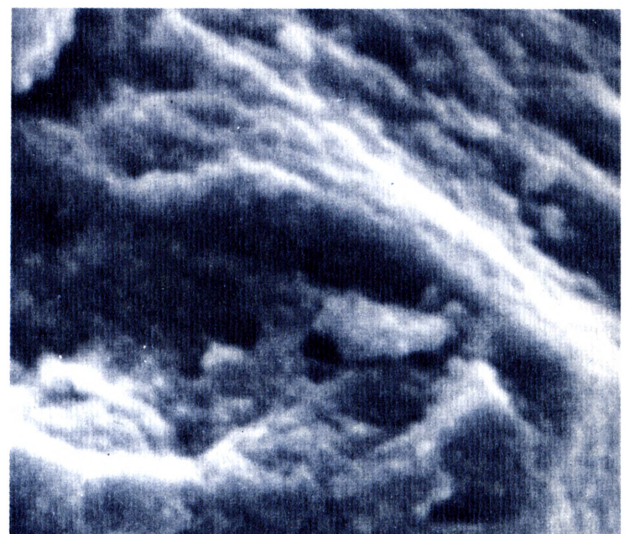
- Resolution : 750Å Guaranteed
- Accelerating Voltage : 8 KV
- Magnification : X50 – X12,000 (10 steps)
- Electron Optical System : Pre-Aligned 3-stage Electro-Magnetic Lens System Stigmator . . . Electro-Magnetic
- Electron Gun : Plug-in Type Pre-centered Filament
- Specimen Stage : (Can be selected either one)
 - (A) Large Specimen Stage
 - Specimen Size . . . 1¼ϕ × 2/5"
 - Viewing Area . . . Entire Surface
 - Rotation 360°
 - Specimen Angle . . 35°
 - (B) Tilting Stage
 - Specimen Size . . . 3/5"ϕ × 2/5"
 - Viewing Area . . . Entire Surface
 - Tilting Angle . . . 0° ~ +60°
- Display Tube : 7" × 5½"
- Scanning Speed : Horizontal 16K c/s
Vertical 60 c/s
- Evacuating Time : Entire Column 2 min.
- Pump System : Air Cooled Oil Diffusion Pump
. 1
Oil Rotary Pump 1
- Power Supply : AC 110V 60 c/s
. 1 KVA, Single Phase

Accessories

- Recording Camera: : Polaroid Film
35 mm Film Camera
- Vacuum Evaporator (Attached Gimbals)



Gold Grid 0.001" X2,000



Tungsten Oxide X12,000



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