



Model:
B-1000 microscope body

Description:
Microscope main body with focus and illuminator

Illuminator

Light source type X-LED[®] with white LED; light intensity control using a knob on left side of the frame.

LED power: 8 W (comparable to a 100 W halogen bulb).

Color temperature: 6,300 K.

LED average lifetime: approx. 50,000 h.

External power supply: Input 100-240 Vac 50-60 Hz / Output 6 Vdc 2.5 A.

Max power required: 13 W.

Special features:

Automatic Light Control (optional accessory M-1030): the level of light is adjusted by the microscope in order to maintain the same level as the one the user has chosen, no matter if the aperture of the diaphragm changes, another objective is inserted, opacity of the sample changes, etc.

Auto OFF: light automatically switches OFF after a user-selectable time of 15 / 30 / 60 minutes.

Focus

Coaxial coarse and fine focusing mechanism (graduated, 0.002 mm) with upper stop, to prevent the contact between objective and specimen.

Adjustable tension of coarse focusing knob.

M-1021B - M-1021M models: manual focus knobs.

Right fine focus knob "flat type" (for use with fingertip).

Motorized focus (optional accessories M-1156 + M-1149).

Controlled by software or external controller.

Movement resolution: 0.125 μ m

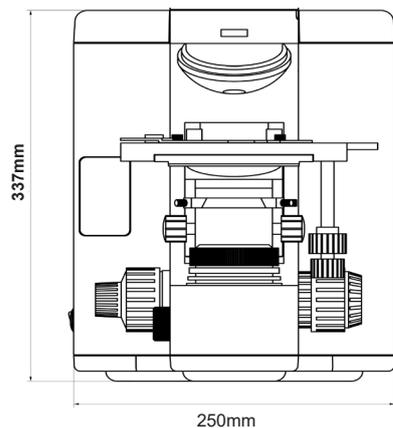
Right fine focus knob "flat type" (for use with fingertip), for manual focusing.

Stage

M-1021M: adjustable height of stage support for metallographic samples up to 43 mm.

Dimensions

M-1021B



M-1021M (Specific for MET models)

