

ALMICRO[®]

RESEARCH BINOCULAR MICROSCOPE

BM-8bi

Single Mould



Body: Single mold sturdy stand inclined Binocular body

Head: Binocular Head 30° inclined rotatable at 360°, without adjusting screws with interpupillary distance of 50-75mm.

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece: Paired high quality 10X/20mm wide angle anti fungus

Nosepiece: Quadruple

Objectives: Plan Achromatic, 4x, 10x, 40x SL Oil immersion & 100x SL Oil immersion
Antifungal coated infinity and color corrected. Well centered even if their position on turret is changed.

Specimen Stage: Ceramic Coated Rectangular mechanical stage (within main body),
with specimen holder and vernier calibrations, cross travel: 120 (X) x 125 (Y) mm

Focussing: Coaxial coarse/fine focusing (located on both sides), cross roller guide,
Focusing stroke: Up 2 mm/Down 13 mm, coarse: 37.7 mm per rotation, fine: 0.2 mm per rotation, minimum reading: 2 μ m
With coarse focus knob torque adjustment ring and stage vertical movement stopper

Condenser: Abbe Condenser, NA 1.25, vertically movable and centerable

Fungus-proof treatment: Antifungal paint is applied around optical system

Illumination: 3W LED Light (> 10,000 Hrs lifespan) with on/off switch, light intensity regulator with rechargeable battery system (>1hr backup)

Power Supply: Input: 100-240 VAC, 50-60 Hz

Protection: Inbuilt protective safety device which can withstand fluctuations of voltage from 140 V-280V