

ALMICRO[®]

PATHOLOGICAL MICROSCOPES

Medical to Research Use



X4 (a) : Research Binocular Microscope



X4 (b) : Research Trinocular Microscope

This Microscope comes with Achromatic optical system, which provides good quality optical image. Also, with low & backward positioned co-axial positioning system, stable integral structure, backward Nosepiece, it makes the operator feel comfortable and effective. This makes the microscope optimum for Doctors, Lab-Technicians, and Medical Colleges.

MAIN SPECIFICATIONS

TUBE LENGTH	160mm
VIEWING HEAD	Compensation free Binocular/ Trinocular Head inclined at 30°, Interpupillary Distance : 55-75 mm
EYEPIECE (OCULAR)	Line field of view : 18mm
NOSEPIECE	Backward Quadruple Nosepiece
OBJECTIVE	Achromatic : 4X, 10X, 40X, 100X
FOCUS SYSTEM	Co-axial Coarse and Fine Focusing System, Sensitivity and Graduation of Fine Focus : 0.004mm, Range : 24mm
CONDENSOR	Abbe N.A. 1.2
STAGE	Double Layer Mechanical Stage, Area : 132X142mm, Movement Range : 75X40mm
LAMP HOUSE	Halogen Lamp 6V,20W or LED Lamp 3W

OBJECTIVES

Magnification	Numerical Aperture (Diaphragm)	Cover Glass Thickness (mm)	Focus F (mm)	Working Distance (mm)	Working Mode
4X	0.10	0.17	31.05	18	Dry
10X	0.25	0.17	17.13	6.5	Dry
40X	0.65	0.17	4.65	0.53	Dry
100X	1.25	0.17	2.906	0.13	Oil

EYE-PIECES

Kind	Magnification	Focus f (mm)	Linear Field of View (mm)
Plane Eyepiece	10X	24.95	*1 8

TOTAL MAGNIFICATION

Eyepiece	10X	10X	10X	10X
Objective	4X	10X	40X	100X
Total Magnification	40X	100X	400X	1000X

www.almicroinstruments.com

ACCESSORIES



Digital Eye-Piece Camera with Software



Darkfield Condenser Attachment



Phase Contrast Attachment

ALMICRO[®]
MICROSCOPES



NSIC

