



BA50 & 80 Series

BA50X PLUS













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Optical system	Finite optical system, 160mm
Observation tube	Monocular head with photo tube
Inclination	30° inclined, 360° rotating
Eyepieces	Widefield WF10X/18mm with pointer
Nosepiece	Reversed triple
Objective classification	Achromatic, DIN
Objectives	4X/0.10, 10X/0.25, 40X/0.65/S
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Gliding stage with "one-touch" sample clips
Stage size	Ø105mm
Condenser	Built-in condenser lens N.A. 0.65
Diaphragm	Disc diaphragm
Focus mechanism	Separate coarse and fine focusing system
Fine focus precision	2μm
Focusing stroke	8mm
Upper limit stop	Upper limit stop preset but adjustable
Filter	Built-in frosted glass
Transmitted illumination	LED 3.5V/70mW with intensity control
Transformer	External
Power supply	110-240V (CE)
Accessories included	Dust cover, calibration slide, C-Mount adapter 0.5X
Dimensions LxWxH	175x153x334mm
Net weight	2.75kg
Camera	
Sensor type	CMOS
Sensor size	1/3"
Capture resolution	4MP (2560x1440 pixels)
Live display mode through Wi-Fi	1280x720, 1920x1080 pixels (Full HD)
Live display mode through ethernet	1280x720, 1920x1080 pixels (Full HD)
Data transfer	Wi-Fi (2.4 & 5 GHz), Ethernet
Software	Motic Images Plus 3.1 for Windows, OSX and Linux, MotiConnect App for iOS and Android