



18 Series

DM-1802





EDUCATION LINE - 18 Series

DM-1802

Optical system	Finite optical system, 160mm
Observation tube	Monocular head with Built-in digital camera
Sensor type	CMOS
Sensor size	1/2"
Capture resolution	5MP
Live display mode through USB	2592x1944 pixels
Data transfer	USB 2.0
Inclination	30° inclined
Eyepieces	Widefield WF10X/18mm with pointer, lockable
Nosepiece	Reversed quadruple
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10 (WD 27mm), 10X/0.25 (WD 5mm), 40X/0.65/S (WD 0.3mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position coaxial stage control and sample holder
Stage size	133x136mm
Travel range X&Y	77x31mm
Condenser	Focusable Abbe condenser N.A. 1.25
Diaphragm	Iris diaphragm
Focus mechanism	Separate coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	11mm
Upper limit stop	Upper limit stop preset but adjustable
Transmitted illumination	Halogen 12V/20W with intensity control
Software	Motic Images Plus 3.0 for Windows, OSX and Linux
Power supply	220-240V (CE)
Accessories included	Dust cover
Dimensions LxWxH	215x180x385mm
Net weight	4.7kg