

PM Series

# PM-1823





EDUCATION LINE - PM Series

**PM-1823**

<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Trinocular head, sliding type with Swing-in/out analyzer
<b>Inclination</b>	45° inclined, 360° rotating
<b>Trinocular light split</b>	Fixed 50:50
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On both tubes , +/- 5 diopter
<b>Eyepieces</b>	Widefield WF10X/18mm with plain cross hair reticule
<b>Nosepiece</b>	Reversed quadruple
<b>Objective classification</b>	EA Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 27mm), 10X/0.25 (WD 5mm), 40X/0.65/S (WD 0.3mm)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Circular rotating 360° with spring stage clips
<b>Stage size</b>	Ø 135mm
<b>Travel range X&amp;Y</b>	1° increments, 0,1° vernier scale
<b>Condenser</b>	Focusable condenser N.A. 1.25
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Separate coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Z-axis movement</b>	18mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Transmitted Illumination</b>	Halogen 12V/20W with intensity control
<b>Illumination features</b>	Swing in/out polarizer, rotating 360°
<b>Transformer</b>	Internal
<b>Power supply</b>	220-240V
<b>Accessories included</b>	Dust cover, Allen key, blue filter
<b>Dimensions LxWxH</b>	220 x 172 x 372
<b>Weight</b>	4,8Kg