



BA310POL Series

## BA310 POL TRINOCULAR (20:80 option)

<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS <sup>®</sup> )
<b>Observation tube</b>	Trinocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Trinocular light split</b>	100:0/20:80
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/20mm with diopter adjustment and cross reticle on right eyepiece
<b>Intermediate body</b>	Rotatable analyzer 360°, Bertrand lens 0,5X and slot for compensators
<b>Nosepiece</b>	Reversed quadruple, single centerable positions
<b>Objective classification</b>	CCIS <sup>®</sup> EC Plan Achromatic (strain-free), DIN
<b>Objectives</b>	4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.5mm), 60X/0.80/S (WD 0.35mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Circular rotating 360°, lockable
<b>Stage size</b>	Ø160mm
<b>Travel range X&amp;Y</b>	1° increments, 0,1° vernier scale
<b>Condenser</b>	Focusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free)
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	17mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Transmitted illumination</b>	Koehler Quartz halogen 6V/30W with intensity control
<b>Illumination features</b>	Rotatable polarizer 360°
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, blue filter, spare fuse, empty insertion plate
<b>Dimensions LxWxH</b>	400x220x452mm
<b>Net weight</b>	10.4kg