



BA310 Series

# BA310 LED BINOCULAR PHASE





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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head, Siedentopf type, 360° swiveling
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	48-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/20mm with diopter adjustment
<b>Nosepiece</b>	Reversed quintuple
<b>Objective classification</b>	CCIS® EC and EC-H Ph Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 15.9mm), PH 10X/0.25 (WD 17.4mm), PH 40X/0.65/S (WD 0.5mm), PH 100X/1.25/S-Oil (WD 0.15mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control with tension adjustment and 2-sample holder
<b>Stage size</b>	175x140mm
<b>Travel range X&amp;Y</b>	76x50mm
<b>Condenser</b>	Phase contrast 5 position turret condenser N.A. 0.90 (BF, DF, Ph1, Ph2, Ph3)
<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>	20mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator
<b>Transmitted illumination</b>	Koehler LED 3W with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, Immersion oil (5ml), spare fuse, cord hanger, thumb screw, Phase centering telescope
<b>Dimensions LxWxH</b>	400x220x400mm
<b>Net weight</b>	8.6kg



B3 Series

# B3-220PHASE





## EDUCATION LINE - B3 Series

### B3-220PHASE

<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Binocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On the left eyetube, +/- 5 diopter
<b>Eyepiece</b>	Widefield WF10X/20mm
<b>Nosepiece</b>	Reversed
<b>Objective classification</b>	Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10, PH10X/0.25, PH20X/0.40, PH40X/0.65/S, PH100X/1.25/S-Oil
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	140x135mm
<b>Mechanical stage X&amp;Y range</b>	78x50mm
<b>Condenser</b>	Phase contrast 5 position 1.25 N.A. Abbe condenser (BF & PH 10X, 20X, 40X, 100X)
<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>	27mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator
<b>Transmitted illumination</b>	Koehler halogen 12V/20W with intensity control
<b>Transformer</b>	External
<b>Power supply</b>	110-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, blue, yellow and green filters Ø45, immersion oil (5ml)
<b>Dimensions LxWxH</b>	245x190x380mm
<b>Weight</b>	7,5Kg