



BA310 Series

# BA310 LED BINOCULAR





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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 Plan Achromatic, DIN   |
| <b>Objectives</b>                | 4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.5mm), 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>                 | Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders                         |
| <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                  |
| <b>Dimensions LxWxH</b>          | 400x220x400mm   |
| <b>Net weight</b>                | 8.6kg   |