



## **BA**310 Binocular LED

The BA310 is designed for the rigors of daily routine work in the demanding applications of Universities, Clinics, Laboratories and any other life science or medical application requiring quality optical performance. This model's full Koehler configuration provides maximum illumination quality for even the most demanding samples. Additional contrast methods and discussion devices, ensure this model will offer long term functionality to all user levels.

Model BA310 Binocular LED

Optical System Colour Corrected Infinity Optical System (CCIS®)

**Observation tube** Binocular head, 360° Swiveling

Interpupillary distance 48-75mm

**Inclination** 30° inclined, 360° rotating

**Eyepieces** N-WF10X/20mm with diopter adjustment, +/- 5 diopter

Nosepiece Reversed quintuple revolving nosepiece

**Objectives** 4X/0.10 (WD 6.3mm), 10X/0.25 (WD 4.4mm),

40X/0.65/S (WD 0.35mm), 100X/1.25/S-Oil (WD 0.13mm)

**Objective mounting thread** W 4/5" x 1/36" (RMS standard)

Stage Built-in low position coaxial mechnical stage with sample holder

Stage size 175X140mm

Mechanical stage X&Y range 76X50mm

**Upper limit stop** Upper limit stop preset but adjustable

**Condenser** Focusable Abbe Condenser N.A. 0.90/1.25 with iris diaphragm and slot for contrast sliders

**Focus mechanism** Coaxial coarse and fine focusing system with tension adjustment

Fine Focus precision 2 µm minimum increment

**Z-axis movement** 20mm

**Filter holder** On top of the illuminator

Illumination 3W LED Koehler illumination with intensity control

Transformer Internal

Power supply 100-240V (CE)

Accessories included Immersion oil 5ml, power cord, cord hanger, dustcover, allen key, thumb screw and spare fuse

**Dimensions** 400x200x400mm

Weight 8,6kg



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