



## BA310 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.

<b>Model</b>	BA310 Binocular LED
<b>Optical System</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head, 360° Swiveling
<b>Interpupillary distance</b>	48-75mm
<b>Inclination</b>	30° inclined, 360° rotating
<b>Eyepieces</b>	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
<b>Nosepiece</b>	Reversed quintuple revolving nosepiece
<b>Objective classification</b>	Infinity Corrected CCIS EF-N Plan Achromat, DIN
<b>Objectives</b>	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)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	175X140mm
<b>Mechanical stage X&amp;Y range</b>	76X50mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Condenser</b>	Focusable Abbe Condenser N.A. 0.90/1.25 with iris diaphragm and slot for contrast sliders
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine Focus precision</b>	2 µm minimum increment
<b>Z-axis movement</b>	20mm
<b>Filter holder</b>	On top of the illuminator
<b>Illumination</b>	3W LED Koehler illumination with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Immersion oil 5ml, power cord, cord hanger, dustcover, allen key, thumb screw and spare fuse
<b>Dimensions</b>	400x200x400mm
<b>Weight</b>	8,6kg