



---

# BA310LED DIGITAL

---

<b>Model</b>	BA310 LED Digital
<b>Optical System</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head Siedentopf type, 30° inclined with Built-in digital camera
<b>Interpupillary distance</b>	55-75mm
<b>Inclination</b>	30° inclined, 360° rotating
<b>Sensor</b>	CMOS 1/2"
<b>Resolution</b>	3MP - 2048x1536 pixels
<b>Output</b>	USB2.0
<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 EC Plan Achromatic DIN 45mm
<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" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with tension adjustment and 2-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 with fixing cap
<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 spare fuse, calibration slide, USB cable
<b>Software</b>	Motic Images Plus 3.0 for Windows, OSX and Linux
<b>Dimensions</b>	400x220x458mm
<b>Weight</b>	8,8kg