

EcoBlue

HIGHLIGHTS

- ✓ Economical microscopes for education
- ✓ Monocular models
- ✓ Digital and polarization models available
- ✓ LED illumination
- ✓ Ergonomical carrying grip
- ✓ 5 years warranty



Specifications

Eyepiece

Secured DIN WF 10x/18 mm with pointer

Head

Monocular 30° inclined tube

The digital versions are equipped with a 1.3 Mpixel ½ inch CMOS Color USB2 camera @ 1280x 1024 pixels

Nosepiece

Revolving quadruple forwarded nosepiece on ball-bearings

Polarization models equipped with swing-in analyzer

Objectives

Standard equipped with achromatic corrected 4x/0.13, 10x/0.25, S40x/0.65

Achromatic corrected 20x, S60x and S100x/1.25 objectives also available

All optical parts are anti-fungus treated

Stage

Plain 123 x 119 mm stage. Round 129 mm stage for polarization models, 360° rotatable

Both models with 2 object clamps

Condenser

In height adjustable Abbe condenser

Focusing adjustment

Coaxial coarse and 200 µm fine adjustments, 2 µm precision

Friction adjustment

Illumination

1 W intensity adjustable LED illumination with internal power supply, no batteries

Polarization models come standard with halogen illumination. LED polarization versions on request

Software

ImageFocus capture & analysis software is supplied with each digital microscope model

The software is compatible with Windows XP, Vista, Windows 7 & 8, both 32 and 64 bits platforms

Models	Features					
	Monocular	Digital	S100x obj	S60x obj	LED	Polarization
EC.1001	•				•	
EC.1101	•		•		•	
EC.1601	•			•	•	
EC.1005	•	•			•	
EC.1105	•	•	•		•	
EC.1605	•	•		•	•	
EC.2001-POL	•					•
EC.2101-POL	•		•			•
EC.2601-POL	•			•		•

Accessories & spare parts

- EC.6010 Wide field WF 10x/18 mm eyepiece
- EC.6015 Wide field WF 15x/12 mm eyepiece
- EC.6110 Wide field WF 10x/18 mm eyepiece with micrometer
- EC.6099 Pair of eyeshades

- EC.7004 Achromatic 4x/0.10 objective
- EC.7010 Achromatic 10x/0.25 objective
- EC.7020 Achromatic 20x/0.40 objective
- EC.7040 Achromatic S40x/0.65 objective
- EC.7060 Achromatic S60x/0.85 objective
- EC.7000 Achromatic S100x/1.25 objective

- EC.9500 Attachable mechanical stage
- EC.9710 Frosted filter

- PB.5155 Microscope glass slides 76 x 26 mm, edges grinded, 50 pcs
- PB.5168 Cover glasses 22 x 22 mm, thickness, 0.13-0.17, 100 pcs
- PB.5245 Lens cleaning paper, 100 sheets
- PB.5255 Immersion oil n = 1.482, 25 ml


 Digital model
EC.1005