

## 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 WF 10x/18 mm eyepiece  
 EC.6015 HWF 15x/12 mm eyepiece  
 EC.6110 HWF 10x/18 mm eyepiece with micrometer reticule  
 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