

**educational
microscope
ZUZI
'E' series**



microscopes education series E

The new Zuzi microscopes E series are robust and easy-to-use microscopes that have been specially designed to be used in education field.

Main features:

- Metallic and robust stative that provides a good stability to the microscope and is provided with a handle for an easy transport.
- Available with monocular (model M-HB10) and binocular head (model B-HB11). The head is 30° inclined and 360° rotary. Binocular model presents interpupillary distance regulation and diopter adjustment in one of the eyepieces.
- The eyepieces are provided with fixing screws to avoid being removed from the eyepiece tube.
- Quadruple inverted nosepiece to make changing the sample easier and more comfortable.
- Double layer mechanical stage with coaxial translation knobs; the microscope is equipped with a safety screw to fix the maximum upper position of the stage and avoid it to hit and damage the objectives.
- Coarse and fine focusing coaxial knobs at an ergonomic position and equipped with tension adjustment ring.
- Height-adjustable Abbe condenser (N.A. 1.25) with iris diaphragm and filter holder.
- 3W LED illumination with adjustable intensity.
- Built-in rechargeable batteries that allows a cordless operation.



[Head]

The head is 30° inclined and 360° rotary. Binocular model presents interpupillary distance regulation and diopter adjustment in one of the eyepieces



[Nosepiece]

Quadruple inverted nosepiece to make changing the sample easier and more comfortable



[Stage]

Double layer mechanical stage with coaxial translation knobs; the microscope is equipped with a safety screw to fix the maximum upper position of the stage and avoid it to hit and damage the objectives

education microscopes 'E' series: model B-HB11



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Quadruple inverted nosepiece to make changing the sample easier and more comfortable

1

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2

Double layer mechanical stage with coaxial translation knobs

3

Coarse and fine focusing coaxial knobs at an ergonomic position and equipped with tension adjustment ring

5

Height-adjustable Abbe condenser (N.A. 1.25) with iris diaphragm and filter holder

6

3W LED illumination with adjustable intensity

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Code	HBB010	HBB011
Model	M-HB10	B-HB11
Head	Monocular	Binocular
	Siedentopf type; 30° inclined and 360° rotary	
	Interpupillary distance adjustment (55-75mm)	
Eyepieces	WF10x/18 mm	
Nosepiece	Quadruple inverted	
Objectives	Achromatic objectives: 4X, 10X, 40X (R), 100X (R) (I)	
Stage	Double layer mechanical stage, size 115x 125 mm, movement 75x50mm	
Condenser	Abbe (NA 1.25) with iris diaphragm and filter holder	
Focusing	Coarse and fine focusing coaxial knobs. Focusing scale 0.002mm	
Illumination	LED 3W/4V, adjustable intensity	
Power supply	100-240V; 50-60Hz	
	Rechargeable batteries 3x NiMH AA1400mAH 1.2V	

Objective specifications

Type	Magnification	Numerical aperture	Working distance	Coverglass thickness
Achromatic objective	4x	0.1 N.A.	37.5 mm	0.17 mm
	10x	0.25 N.A.	6.54 mm	0.17 mm
	40x (R)	0.65 N.A.	0.63 mm	0.17 mm
	100x (R)(I)	1.25 N.A.	0.195 mm	0.17 mm