

**digital
microscopes**
ZUZI
series 135

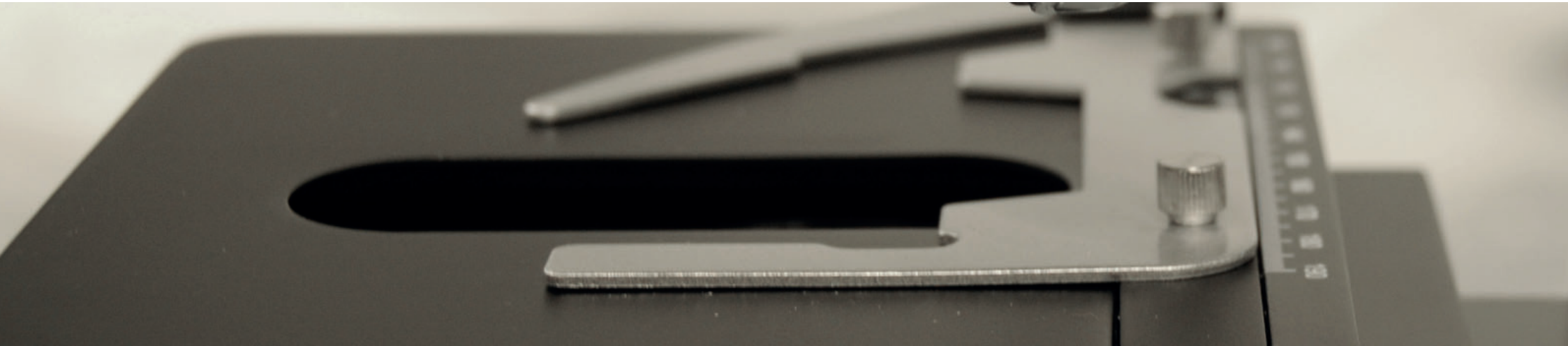


ZUZI digital microscopes

New models of digital microscopes for schools. These digital microscopes have the video camera built in the viewing head and allow an easy image capture, the image transfer to computer to view and analyze it.

The whole range of Zuzi digital microscopes are provided with an excellent optical quality and durability of their components, thus being very useful for educational purposes.

These microscopes included the processing image software Scopelimage 9.0. This software has a friendly user interface, easy to operate and support multilingual operating system (English, French, German, ...). The software include preview, taking photos and video, image processing and different measurement modes.



microscopes series 135: Digital microscope, model 135/8

[01] This model is the most basic equipment within Zuzi digital microscopes and is specially aimed to Secondary schools and to biology initiation applications.

[02] Monocular head, 45° inclined and rotatable 360°, being easier-to-use for those students that are starting in microscopy.

[03] Quadruple nosepiece with achromatic objectives (4x, 10x, 40x, and 100x)

[04] Mechanical stage with translation knobs and with graduated scales at both sides.

[05] Coaxial coarse and fine focusing knobs to operate easier and faster. Provided with tension ring and focusing upper limit blocking lever.

[06] Height- adjustable Abbe condenser with iris diaphragm and filter holder.

[07] Power source by LED diode, with a longer life time than that of conventional halogen lamps and that allows a more homogeneous sample illumination.

microscopes series 135: Digital microscope, model 135/9

[01] This model present a features slightly higher that previous model, with binocular head for those applications that require more prolonged observations, inverted nosepiece to facilitate the sample manipulation and with bigger stage to have greater movement to explore the samples.

[02] Binocular head inclined 30° and rotatable 360°

[03] Quadruple inverted nosepiece with achromatic objectives (4x, 10x, 40x, and 100x)

[04] Mechanical stage with translation knobs and with graduated scales at both sides.

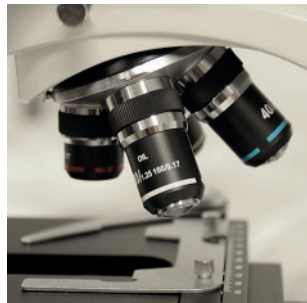
[05] Coaxial coarse and fine focusing knobs to operate easier and faster. Provided with tension ring and focusing upper limit blocking lever.

[06] Height- adjustable Abbe condenser with iris diaphragm and filter holder.

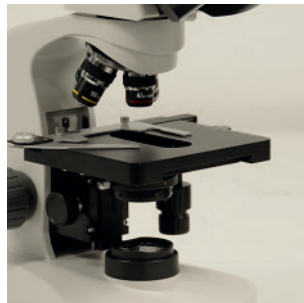
[07] Power source by LED diode, with a longer life time than that of conventional halogen lamps and that allows a more homogeneous sample illumination.

[08] The digital viewing head has two lights that show if the camera is connected to the computer and if the processing software is in use.

[1] Quadruple nosepiece



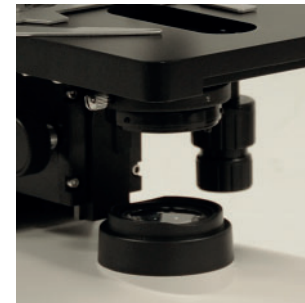
[2] Mechanical stage with translation knobs



[3] Coaxial coarse and fine focusing knobs



[4] Adjustable Abbe condenser



ZUZI digital microscopes

digital microscopes
series 135:
technical features



Code	HBD004	HBD005
Head	Digital, monocular; 45°; 360°	Digital, binocular; 30°; 360°
Camera resolution	1280 x 1024 (1.3MPixel)	
Software	ScopelImage 9.0	
Operation system	Windows 2000 / XP / Vista	
Output	USB 2.0	
Range of viewing field	>75%	90%
Interpupillary distance	-	48-75 mm
Eyepiece	WF10/18 mm	
Diopter correction	-	Left eyepiece, ±5dpt
Objectives	Achromatics 4x (0.10), 10x (0.25), 40x R (0.65), 100x Oil-R (1.25)	
Focusing	Coaxial coarse and fine adjustment	
Double layer mechanical stage	125x115mm (70x20 mm)	132x142mm (74x40mm)
Condenser	Abbe – 1.25 AN, with Iris diaphragm and filter 32 mm	
Filter	Green, white	Green
Illumination	1W LED lamp, with adjustable brightness	
Power	100-240v 50/60hz	

digital microscopes series 135: equipment parts

ZUZI digital microscopes

