



## Zuzi microscopes 400 series

Code HBB021 - Model 400M

Code HBB022 - Model 400B

Code HBB023 - Model 400T

Code HBB024 - Model 400M-P

Code HBB025 - Model 400B-P

Code HBD006 - Model 400SP

Code HBD007 - Model 400NS-130

Code HBD008 - Model 400NS-500

The Zuzi 400 Series microscopes are meticulously engineered to deliver exceptional precision, durability, and optical performance, making them essential instruments for both educational and analytical purposes across a wide range of scientific fields. Each model in the series is equipped with semi-planar achromatic objectives, ensuring optimal optical correction and outstanding image quality.

The following models are available within this series:

Application	Reference	Model	Description
For education	HBB021	400M	Monocular microscope
	HBB022	400B	Binocular microscope
	HBB023	400T	Trinocular microscope
For polarization applications	HBB024	400M-P	Monocular microscope
	HBB025	400B-P	Binocular microscope
Digital	HBD006	400SP	Microscope with 7" screen
	HBD007	400NS-130	Monocular microscope with 1.3 MP camera
	HBD008	400NS-500	Monocular microscope with 5 MP camera

### General features:

- Sturdy plastic base with four rubber feet for enhanced stability
- Modern, robust stand design with a hole for easy transportation
- Inverted quadruple revolving nosepiece for quick and secure objective changes
- Semi-plan achromatic objectives ensuring improved optical correction
- 360° rotatable head for comfortable viewing from any angle
- Abbe condenser N.A. 1.25, integrated with diaphragm and filter holder (Ø 32 mm)
- Macro/micro axial focusing controls for precise image adjustment
- Battery compartment (3x1.5V AA) for portable use
- Included accessories: transparent plastic cover, oil bottle, blue filter (Ø 32 mm), power supply, and Allen keys





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Code HBD008 - Model 400NS-500



HBB021

### For education Code HBB021, HBB022, HBB023

Code	HBB021	HBB022	HBB023
Model	400M	400B	400T
Head	Monocular	Binocular	Trinocular
Head inclination	45°	30°	
Eyepiece	WF10X (20 mm)		
Nosepiece	Quadruple		
Objectives	Semi-plan achromatic: 4X, 10X, 40X(R), 100X(R) (oil)		
Stage	Double-layer mechanical stage, 130x130 mm (X-axis: 0-70 mm, Y-axis: 0-30 mm)		
Condenser	Abbe N.A. 1.25		
Focusing	Coaxial macro/micro focusing adjustment		
Light source	LED 1W		
Power supply	100-240 VAC/50-60 Hz or rechargeable batteries		
Weight	3.50 kg	4 kg	4.25 kg
Dimensions	183x235x390 mm		183x235x435 mm



HBB024

### For polarization applications Code HBB024, HBB025

Code	HBB024	HBB025
Model	400M-P	400B-P
Head	Monocular	Binocular
Head inclination	45°	30°
Eyepiece	WF10X (20 mm)	
Nosepiece	Quadruple	
Objectives	Semi-plan achromatic: 4X, 10X, 40X(R)	Semi-plan achromatic: 4X, 10X, 40X(R), 100X(R) (oil)
Stage	Graduated round stage with clips Ø135mm, 360° rotatable	
Condenser	Abbe N.A. 1.25	
Focusing	Coaxial macro/micro focusing adjustment	
Light source	LED 1W	
Power supply	100-240 VAC/50-60 Hz or rechargeable batteries	
Weight	3.75 kg	4.40 kg
Dimensions	183x235x390 mm 183x235x435 mm	



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Code **HBD006** - Model 400SP

Code **HBD007** - Model 400NS-130

Code **HBD008** - Model 400NS-500



HBD006

### Digital **Code HBD006, HBD007, HBD008**

Code	HBD006	HBD007	HBD008
Model	400SP	400NS-130	400NS-500
Head	7" colour CMOS display 360° rotatable via locking screw	Monocular	
Head inclination		45°	
Integrated camera		CMOS 1.3 MP (software included)	CMOS 5 MP (software included)
Max. resolution	1920x1080	1280x960	2592x1944
Eyepiece	WF10X (20 mm)		
Nosepiece	Cuádruple		
Objectives	Semi-plan achromatic: 4X, 10X, 40X(R)	Semi-plan achromatic: 4X, 10X, 40X(R),100X(R) (oil)	
Stage	Double-layer mechanical stage, 130x130 mm (X-axis: 0-70 mm, Y-axis: 0-30 mm)		
Condenser	Abbe N.A. 1.25		
Focusing	Coaxial macro/micro focusing adjustment		
Light source	LED 1W		
Power supply	100-240 VAC/50-60 Hz or rechargeable batteries		
Weight	3.60 kg	3.55 kg	3.55 kg
Dimensions	183x235x420 mm	183x235x390 mm	