

professional  
microscopes  
ZUZI  
'P' series



## microscopes professional: 'P' series

The new P series for Zuzi microscopes present compact and robust equipments with high features for basic routine applications in laboratories.

### 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 binocular (HBC023) and trinocular (HBC024) Siedentopf head, 30° inclined and 360° rotary. They are provided with diopter correction adjustment in both eyepieces and regulation of the interpupillary distance.
- The trinocular model presents a height adjustable third tube in which an eyepiece videocamera can be placed.
- Quadruple inverted nosepiece to make changing the sample easier and more comfortable.
- Double layer mechanical stage with coaxial translation knobs and a clamp to hold up to 2 slides at the same time; 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) by pinion and rack mechanism, with iris diaphragm and filter holder.
- 3W LED illumination with adjustable intensity.
- Built-in rechargeable batteries that allows a cordless operation.



[Head]

Siedentopf head, 30° inclined and 360° rotary. They are provided with diopter correction adjustment in both eyepieces and regulation of the interpupillary distance.



[Nosepiece]

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



[Stage]

Double layer mechanical stage with coaxial translation knobs and a clamp to hold up to 2 slides at the same time; 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

# professional microscopes

'P' series: HBCo24



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Metallic and robust stative that provides a good stability to the microscope and is provided with a handle for an easy transport.

4

Quadruple inverted nosepiece

2

Double layer mechanical stage with coaxial translation knobs and a clamp to hold up to 2 slides at the same time

5

Height-adjustable Abbe condenser (N.A. 1.25) by pinion and rack mechanism, with iris diaphragm and filter holder.

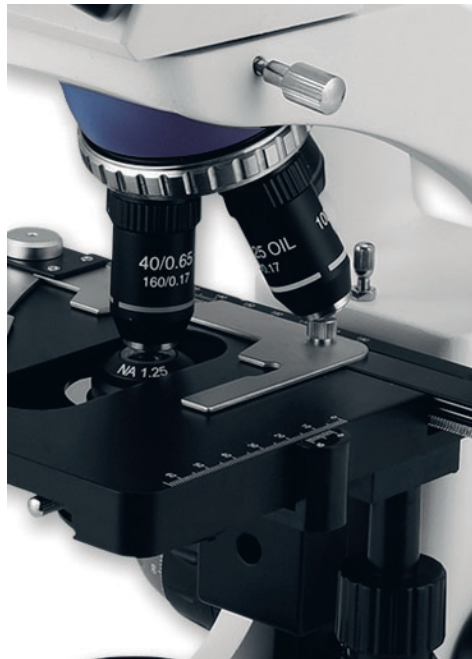
3

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

6

3W LED illumination with adjustable intensity

professional microscopes, 'P' series



## microscopes professional: 'P' series

Code	HBC023	HBC024
Head	Binocular	Triocular
	Siedentopf-type; 30° inclined and 360° rotary	
	Interpupillary distance adjustment (55-75mm); diopter correction in both eyepieces	
Eyepiece	WF10x/18 mm	
Nosepiece	Quadruple inverted	
Objectives	Plan achromatic objectives: 4X, 10X, 40X (R), 100X (R) (I).	
Stage	Double layer mechanical stage, size 132x 142 mm, movement 75x50mm	
Condenser	Abbe (NA 1.25) with iris diaphragm and filter holder	
Focusing	Coarse and fine focusing coaxial knobs. Focusing scale 0.002 mm	
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