



# Digital binocular microscope

Code HBD003

The new series of built-in videocamera microscopes allows an easy image capture and transfer to computer. They are supplied totally equipped, including TSView image capture and processing software.

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.



## Cabezal binocular

Monocular, inclinado 45° y giratorio 360°

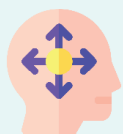
## Platina mecánica

Mecánica de doble lecho, 180x150 mm

## Objetivos acromáticos

Objetivos acromáticos corregidos al infinito 4x, 10x, 40x y 100x

## Main features



Versatility  
in the heads



LED illumination  
with intensity control



High quality optics



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Model 148/7 is the most advanced model within Zuzi digital microscopes; thanks to a 3 Mp video camera with 1/2" sensor it is specially aimed to be used at university and professional level:

- Siedentopf-type binocular head, 30° inclined with interpupillary distance adjustment and diopter correction for a more comfortable observation during prolonged time.
- Wide field eyepieces suitable for users with glasses
- Lever for blocking light beam to the video camera in case image capture is not necessary.
- Inverted quadruple nosepiece for handling the slide more easily.
- Achromatic objectives 4x, 10x, 40x (R) and 100x(R)(I)
- Large dimension (180x150 mm) mechanical stage with translation knobs at a lower position for a more comfortable operation. With graduated scales along both axes of the stage for an easier localization of structures of interest.
- Clamp to hold up to two slides at the same time, being ideal observe and compare serial or specular sections.
- Coaxial fine and coarse focusing knobs at a lower position for an easier and more comfortable access. Provided with tension ring and focusing upper limit blocking lever. Fine focusing knobs are graduated.
- Köhler illumination system with graduated field and aperture diaphragms and height –adjustable
- Abbe condenser for a better control of illumination.
- Power source by LED diode, with a longer life time than that of conventional halogen lamps and that allows a more homogeneous sample illumination.



## Technical specifications

Code	HBD003
Head	Digital, binocular, 30° inclined
Eyepieces	WF10x/22mm
Nosepiece	Quadruple
Objectives	Achromatic 4x, 10x, 40x y 100x
Stage	180x150 mm; Double layer mechanical stage with moving clamp
Condenser	Abbe A.N. 1.25 with graduated aperture diaphragm and filter holder
Precondenser	With graduated field diaphragm
Focus	Coaxial fine and coarse; fine focusing knob with scale 0.002 mm
Illumination	White LED with intensity regulation
Power	AC 85 – 230 V
Camera resolution	2048x1536 pixels, 3.0 Mp
Output	Puerto USB 2.0