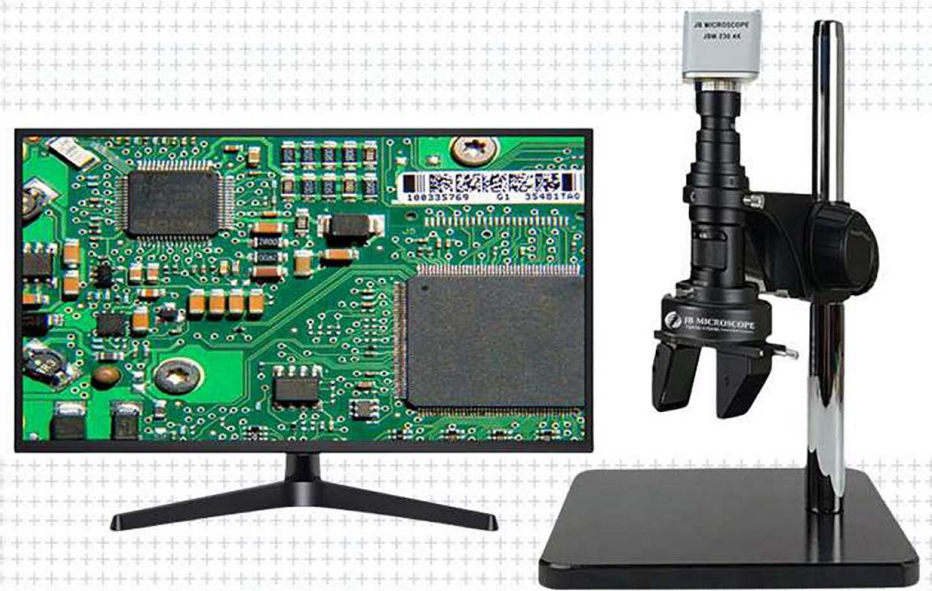


JBM-HD3D



The Monozoom 3D Microscope represents a cutting-edge advancement in microscopy technology, offering a revolutionary approach to scientific exploration and observation. This sophisticated microscope is designed to provide researchers and scientists with an immersive three-dimensional experience, allowing for unprecedented insights into the microcosmos.

When observing the surface of an object with a microscope, it can be very difficult to determine the shape or topography of the surface since only a small area can be in focus at one time. This is especially true when capturing a photo with a camera. Some digital microscopes have the ability to scan an entire surface and capture each different area that comes into focus, combining them into one fully-focused image. The relative height data from each focal plane can then be used to reconstruct the surface into a 3D image that users can freely manipulate, making it easy to understand the true shape of the surface.



Specification

Zoom lens Specification:

- Zoom Ratio: 1:7
- Zoom objective: 0.7X-5X
- Eyepiece: 0.4X
- Working Distance: 100mm

L1 Base:

- Vertical post height: 240mm
- Vertical post diameter: $\varnothing 32\text{mm}$
- Microscope body holder: $\varnothing 50\text{mm}$
- Focus travel: 50mm
- Base size: 320x260x16mm
- Material: Metal

LED-144TP Specification:

- Outer diameter: 100mm
- Inner diameter: 61mm
- Wattage: 4.5W
- Input voltage: 90V-264V
- Output voltage: DC12V
- Brightness adjust: 0-100%
- Working distance: 40-250mm
- Quantity of LED: 144PCS
- Brightness: 20000Lux at height of 100mm
- Color of light: 6400K





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