

# Z4 ZOOM STEREOSCOPE

The Z4 Zoom Stereo-microscope on Dual-LED pole stand is a laboratory-grade microscope designed for medical, veterinary, and industrial professionals. The zoom optics magnify from 7x to 45x with the included 10x eyepieces, producing amazing 3-D depth of focus and clarity for critical applications such as embryo transfer, dissection, dental lab QC, industrial inspection, and electronics rework. Optional eyepieces and lenses provide magnification options from 3.5x to 180x. The long-life upper and lower LED lights provide variable, cool, daylight illumination for viewing true-color specimens and high-contrast structures. The Z4 Zoom is the perfect choice for demanding professionals performing critical inspections.

## CONSTRUCTION

Aluminum alloy construction  
Acid and reagent resistant finish

## HEAD

Inclined 45°, rotates 360°  
10x / 20 high point eyepieces with rubber eye guards  
Interpupillary distance 50mm-75mm  
Trinocular head available

## OBJECTIVES

0.7x to 4.5x hard-coated zoom objectives  
Standard magnification range is 7x to 45x  
Maximum Magnification 180x with optional lenses

## FOCUS

Large dual focusing knobs with metal rack & pinion  
Metal pinion gear zoom mechanism  
Dual position focus rack  
Maximum height 7.75" from stage to scope

## ILLUMINATION

Dual illuminators with variable intensity  
Transmitted and Incident cool, day light LED

## STAGE

Frosted stage plate  
Specimen clips



## Z4 Zoom Stereoscope

Model #	Description
Z4M-BZM7-7LL3	Z4 stereo microscope, binocular, dual LED stand, 110V
Z4M-TZM7-7LL3	Z4 stereo microscope, trinocular, dual LED stand, 110V

## POWER

110-220V AC, 50-60Hz

## OPTIONS

Pneumatic Arm, Boom Stand  
5x, 15x, 20x Eyepieces  
0.5x, 2x supplemental lens

## WEIGHTS AND DIMS

Height: 13" (330mm)  
Length: 10.5" (267mm)  
Width: 8" (203mm)  
Weight: 7.75lbs (3.5kg)



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# Z4 INSPECTION SYSTEM OPTIONS

## Z4 Zoom Video System

*Includes:*

- Z4 Trinocular Head
- Articulating Boom Stand with Heavy Table Base
- 0.5x Reducing Lens
- Biovid HD Camera
- Segmented Variable Led Ring Light – 60 Bulbs
- 19" HD Television Monitor

Z4S-THSU-BMAT



## Z4 Zoom on Articulating Arm with C-Clamp Base

*Includes:*

- Choice of Z4 Binocular or Trinocular Head
- 0.5x Reducing Lens
- Articulating Boom Stand with C-Clamp Base

Z4M-TZM7-BMAC: Trinocular head

Z4M-BZM7-BMAC: Binocular head (pictured)



## Z4 Zoom on Articulating Arm with Heavy Table Base

*Includes:*

- Choice of Z4 Binocular or Trinocular Head
- 0.5x Reducing Lens
- Articulating Boom Stand with Heavy Base

Z4M-TZM7-BMAT: Trinocular head

Z4M-BZM7-BMAT: Binocular head (pictured)



## Z4 Zoom on Pneumatic Flex Arm

*Includes:*

- Choice of Z4 Binocular or Trinocular Head
- 0.5x Reducing Lens
- Pneumatic Flex Arm

Z4M-TZM7-PA77: Trinocular head

Z4M-BZM7-PA77: Binocular head (pictured)



Customize your Z4 System to meet your needs by adding a variety of optional supplementary lenses, light sources, cameras, and eyepieces.

