

# Stereo Zoom Microscope with Boom Stand

This stereo zoom microscope is designed for electronics inspection, precision assembly, and biological research. The boom stand offers flexibility for positioning over various sample sizes and shapes.



## Overview

### Professional Stereo Zoom Microscope

The SM series zoom stereo microscope features a sophisticated two-parallel beam path design, delivering high-resolution, distortion-free images throughout its entire zoom range. Built with a modular construction, this unit provides exceptional versatility for inspection, assembly, and research tasks. The inclusion of a robust boom stand offers professional-grade flexibility for positioning over diverse sample sizes.

## Optical Performance

### Key Optical Metrics

**8 :1**

Zoom Ratio

**80 mm**

Working Distance

**50 mm**

Max Interpupillary Distance

### Zoom and Magnification

Metric	Range
Zoom Range	0.62x - 5x
Magnification	6.2x - 50x
Magnification (with lens)	1.9x - 250x
Field of View	33.9mm - 4.2mm

## Ergonomics and Adjustment

### Adjustable Features

- Interpupillary distance: 50mm - 75mm
- Dioptic correction: +5 to -5
- High eye point eyepiece: WFH10X-D/21

## Stand and Construction

### Dimensions

- Base Dimensions: 385 x 260 x 32mm
- Vertical Post: 380mm height (37mm diameter)
- Horizontal Post Length: 570mm

### Construction Details

Modular Design, Ball Bearing Movement, Plan Achromatic Objective, 5/8" Universal Mount