

Stereo Zoom Microscope SM-3241

The SM-3241 stereo zoom microscope features two parallel beam paths and a high quality optic system to offer high resolution and distortion-free contrast images throughout its entire zoom range. Its modular design allows for various packages with high resolution and valuable microscopy.



ADDITIONAL IMAGES



Overview

Professional Stereo Zoom Microscopy

The SM-3241 is a high-precision stereo zoom microscope utilizing a parallel beam path optical system. Designed for versatility, it features a generous zoom ratio and robust modular construction suitable for laboratory research, electronics inspection, and material science. With integrated dual-illumination and precise focusing capabilities, this instrument delivers clear, distortion-free images for demanding professional tasks.

Optical Performance

Key Optical Metrics

6.2 x

Min Magnification

50 x

Max Magnification

8 :1

Zoom Ratio

80 mm

Working Distance

Zoom Objective Range

0.62x - 5x

Eyepiece Specifications

WFH10X-D/21, High eye point, Wide-field, Distortion-free

Technical Specs

Illumination System

Type	Specification
Top Light	Halogen 6V/15W
Bottom Light	Fluorescent 5W

Dioptric Correction

+5 to -5

Interpupillary Distance

50mm - 75mm

Mechanical Design

Optional Accessories

- 0.5x Planachromatic objective
- WF20x Eyepieces
- WF25x Eyepieces
- Trinocular head for camera connection

Base Dimensions

335mm x 305mm x 21mm