



## **Stereo Microscope LD-LSM-D12**

**Labodam Equipment Ltd.**  
**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Stereo Microscope LD-LSM-D12

## Overview

Stereo Microscope LD-LSM-D12 features a trinocular head with a continuous zoom magnification of 7X to 63X for precise and flexible magnification. It features a 45° inclined angle, enhancing both clarity and comfort for detailed specimen observation. It includes an adjustment mechanism with cylindrical roller guidance, ensuring smooth lifting mirror movement. Our microscope has high-brightness white LED lighting with adjustable illumination modes.

## Features:

- Long working distance
- Variable interpupillary distance
- Wide field of view
- High-resolution imaging
- Adjustable brightness lighting
- Compatible with camera systems

## Applications:

Stereo Microscope is used for detailed examination and manipulation, providing a three-dimensional view of specimens. It is used in fields like biology, electronics, and materials science.

## Specifications:

<b>Focusing</b>	Coarse and fine adjustment of coaxial focusing
<b>Lighting</b>	High brightness white LED, transmission, reflection, or reflection lighting methods, independent electrical control
<b>Eyepieces</b>	WF10X/22mm, WF20X/12mm, WF25X/9mm
<b>Objectives</b>	0.7X to 6.3X
<b>Zoom Ratio</b>	1:9
<b>Viewing Head</b>	Trinocular head
<b>Dimension of Base</b>	310mm × 280mm (With Specimen Clip)
<b>Zoom Working Mode</b>	Continuous
<b>Lower Light Source</b>	5W high brightness LED
<b>Upper Light Source</b>	3W high brightness LED
<b>Visual Observation</b>	45° oblique, and 360° rotatable, adjustable left and right visual acuity

<b>Zoom Magnification</b>	7X to 63X
<b>Dioptric Adjustment</b>	$\pm 5\text{mm}$
<b>Field of View Range</b>	? 33.8 to ? 3.49
<b>Total Magnification</b>	7X to 315X
<b>Additional Objective Lens</b>	2X
<b>Vertical Effective Travel</b>	220 mm
<b>Effective Working Distance</b>	110 mm
<b>Pupil Distance Adjustment Range</b>	48 to 75 mm
<b>Field of View with the Plan Objective</b>	$\varnothing 22\text{mm}$
<b>Lifting Mirror Body Adjustment Mechanism</b>	Cylindrical roller guidance, smooth and lightweight transmission, adjustable coarse and fine movements