

Application Systems

Optics & Optical Coatings

Opto-Mechanics

Bases

Manual Stages

Actuators & Adjusters

Motorized Stages

Light Sources & Laser Safety

Index

Microscope Unit

Alignment

Interferometers

Inspection/ Observation

Bio-photonics

Laser Processing

ZMS series are binocular microscopes which have long working distance. These can be used for making observations of sterically congested samples such as circuit boards ,or dynamic image of samples.

- Designed to continuously change magnification by zooming, smooth observations are fulfilled.
- Its longer field of view makes it easier to make observations of uneven and complex samples.
- Not only standard binocular type with stand but also trinocular type with stand which has a port for connecting with camera is available. Additionally, we are preparing for trinocular type without stand for incorporating in systems.
- Long working distance makes it possible to contact samples with tweezers or probes.
- It is possible to observe in wearing glasses because folding rubber eye guards are attached to ocular lens.

Guide

- Also, Observation unit with coaxial in high magnification are available. [Reference](#) A018

Attention

- The higher magnification you switch, the darker observation image will be. Please use illuminator such as light guides when making observations.

► [WEB Reference](#) [Catalog Code](#) W5062, ► [WEB Reference](#) [Catalog Code](#) W5028



Specifications

Part Number	ZMS-216	ZMS-316	ZMS-316H
Type	Binocular / with stand	Trinocular / with stand	Trinocular / without stand
Total Magnification	7x – 45x (Zoom type)		
Working Distance [mm]	100		
Focusing Rack & Pinion Travel [mm]	47		
Illuminators	Not included	Not included	Not included
Magnification of eyepiece (Field view)	10x (φ20mm)		
Weight [kg]	4.0	4.3	2.9

Option

Please see our website for the option of microscope systems like LED ring illuminators.

