

# LMS-Z303 Product Flyer



## LAXCO LMS-Z303 STEREO ZOOM MICROSCOPE

The LAXCO LMS-Z300 Series is a research-grade stereo zoom microscope engineered for high-precision applications such as surface inspection of PCBs, SMTs, semiconductor chips, metal materials, and precision components. The LMS-Z303 model features a binocular viewing head and incorporates a Galilean optical system with an advanced infinity parallel optical design, delivering unrivaled image clarity, high resolution, and exceptional contrast. With a large 10:1 zoom ratio and a 0.8X–8X objective, it enables detailed viewing across a broad magnification range. A 100mm working distance ensures ample room for manipulating samples, while its ergonomic design supports user comfort during extended operation.

The LMS-Z303 is equipped with ultra-thin LED illumination for both incident and transmitted light, offering long-lasting performance (up to 6000 hours) and optimized lighting conditions for dynamic, three-dimensional imaging—making it an indispensable tool in advanced inspection and research environments.

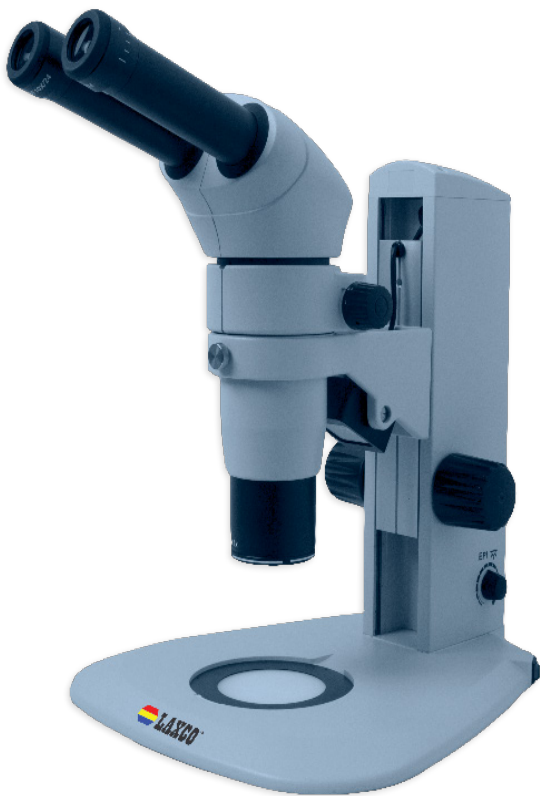
# UNIQUE FEATURES

## VIEWING HEAD

- Binocular viewing head with
- 45° angle
- Interpupillary adjustment 54mm to 76mm
- Diopter adjustment

## FOCUS

- 100mm working distance
- 40mm height adjustment on focusing mechanism
- Coarse focus adjustment



## CONFIGURED ILLUMINATION MODES

- Transmitted illumination only
- Reflected illumination only
- Discopic illumination only
- Darkfield illumination only
- Reflected and Transmitted illumination
- All illuminations simultaneously on (DF, DI, REFL, TRANS)

## OPTICAL SYSTEM

- 10X WF eyepieces
- Continuous zoom control
- Large zoom ratio (10:1) with 0.8X - 8X objective

## ILLUMINATION

- LED illumination with ultra-thin LED illumination for both incident and transmitted light (6000 hours life expectancy)

## STAND

- Double bearing arm for easy operation

### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
LMS-Z303	LMS-Z300 Series Stereo Microscope, 10:1 zoom, Binocular head, LED Stand, Reflected Transmitted Illumination

LAXCO, Inc.  
18303 Bothell-Everett Hwy  
Suite 140  
Mill Creek, WA 98012  
[www.laxcoinc.com](http://www.laxcoinc.com)

Contact us:  
425-686-3081  
[sales@laxco.com](mailto:sales@laxco.com)

LMS-MKT-DOC-1700187