

# Zoom Microscope Option

## Rear Converter Lens | ZRCL

RoHS

Catalog Code

W2037

### Application Systems

### Optics & Optical Coatings

### Opto-Mechanics

### Bases

### Manual Stages

### Actuators & Adjusters

### MotORIZED Stages

### Light Sources & Laser Safety

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### Microscope Unit

### Alignment

### Interferometers

### Inspection/ Observation

### Bio-photonics

### Laser Processing

By mounting this rear converter lens between the camera and lens barrel, magnification can be increased without changing the working distance or the objective.



### Specifications

Part Number	ZRCL-1.5	ZRCL-2.0
Magnification	1.5x	2.0x
Camera mount (Lens side / Camera side)	C mount	

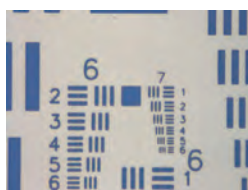
### Guide

- ▶ A variety of microscope for C-mount compatible and camera are provided. **Reference** (Microscope, Zoom Microscope, OUCI-2, Camera)

### Attention

- ▶ It is only for C mount, so it can not be used to the CS mount products such as microscopes, observation systems or cameras.
- ▶ Optical performance and resolution will not be improved even if mounting the rear converter lens. It will be depending on the performance of the microscope.

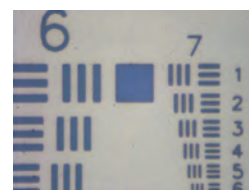
### Reference image Zoom Microscope LWZ-15 (Optical Magnification 15x)



Without Rear converter  
Observation Field of View About 0.55x0.45mm



ZRCL-1.5  
Observation Field of View About 0.37x0.3mm



ZRCL-2  
Observation Field of View About 0.28x0.22mm

## Ring Light Guide | ZRL-ZOL15

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Best used for viewing objects with sloping features, providing a shadow free image.

### Guide

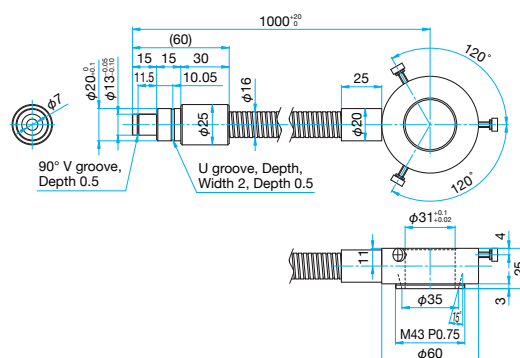
- ▶ A variety of light source is available. **Reference** (LED light source, Tungsten Halogen light source and Metal Halide light source)

### Attention

- ▶ This product is only for Zoom microscope (LWZ-15/LWZ-15M). If it is used with other products, there is a possibility that optimal illumination can not be done.

### Outline Drawing

(in mm)



## Focusing Unit / Pole Stand | ZAS-FAC-PST / PS-S/L

RoHS

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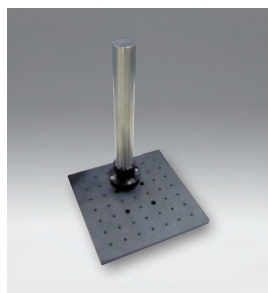
Except ZAS-FAC-PST

These products proved a base and fine focusing capability for the Zoom microscope units and the OUCI microscope bodies.



### Specifications

Part Number	ZAS-FAC-PST
Travel [mm]	30



### Specifications

Part Number	PS-S	PS-L
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### Guide

- ▶ Standard 60mm sized manual stages can be mounted to the base plate using the M4 hole pattern.

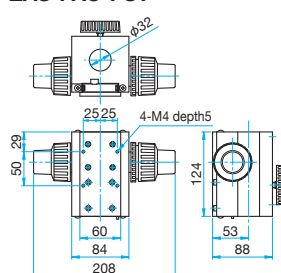
### Attention

- ▶ Screws are not supplied with focusing unit for fixing to observation unit with coaxial illumination and zoom microscope.
- ▶ When using a focusing unit and pole stand, please check that required working distance is ensured. ULWZ series is not available for long working distance.

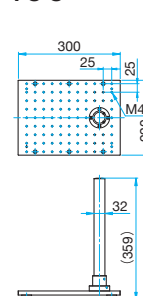
### Outline Drawing

(in mm)

### ZAS-FAC-PST



### PS-S



### PS-L

