

## NSZ Series Stereo microscope

- NSZ Series Stereo Microscope, one of NINGBO YONGXIN OPTICS CO., LTD's most advanced stereomicroscopes, incorporates a powerful combination of advanced optical and ergonomic capabilities.
- With exclusive transmission and reflection illumination system, the NSZ Series Stereo Microscope can handle some of the same advanced imaging techniques that compound instrument users have long enjoyed.
- It can be used extensively for scientific research, industry, biological and medical field.

Parallel Optical System  
Large Zoom Ratio  
High Definition



NSZ-810



NSZ-808



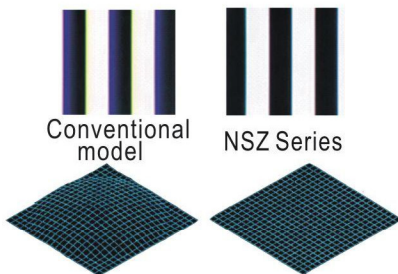
NSZ-806

NSZ Series	Coaxial Coarse/Fine Focusing Unit	Zoom Ratio	Zoom Range	Total Magnification
NSZ - 810	For Optional	1: 10	0.8× - 8×	4× - 320×
NSZ - 808	/	1: 8	0.8× - 6.4×	4× - 256×
NSZ - 806	/	1: 6.3	0.8× - 5×	4× - 200×

## Stereo Microscope NSZ-810

It can be used extensively for scientific research, biological and medical field. Ergonomic design ensures comfortable and accurate operation in a natural posture. Unrivalled optical performance, ergonomic design and a variety of accessories to meet your requirements

The NSZ- 810 features a large 10 $\times$  zoom ratio, extending from 0.8 $\times$  to 8 $\times$ . This gives you total magnification from 4 $\times$  to 320 $\times$ , depending on the combination of eyepiece and objective used. In addition to the standard type, you have the option of using a tilting binocular eyepiece tube to observe at an optimum eyepoint. Expanded accessory lineup for greater flexibility in various applications such as Epi-fluorescence attachment, Dark field attachment, Photography attachment, Capability and Coaxial Coarse/Fine Focusing Unit and so on.

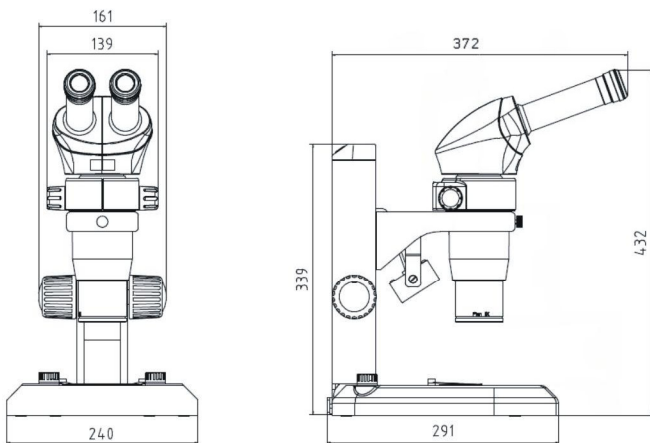


Distortion causes a globular effect even when you actually observe a flat object

### Images appear undistorted and natural-looking

Producing images that cause less strain on your eyes was one goal of Novel's ergonomic design. We tackled the problems usually associated with stereoscopic microscopes, namely chromatic aberration and distortion in the lens that cause surface irregularities in the image, and solved both to a high degree. Now you can view stereoscopic images that appear undistorted in all their brilliant, true-to-life colors.

### Dimension



### Specification

- ✧ Optical System: Parallel Optical Zoom System
- ✧ Drawing Tube: 20° Inclined Binocular Head
- ✧ Zoom Ratio: 1:10
- ✧ Zoom Objective: 0.8 $\times$  ~8 $\times$
- ✧ Objective: Plan Achromatic Objective 1 $\times$
- ✧ Eyepiece: 10 $\times$ /Φ22
- ✧ Working Distance: 78 mm
- ✧ Focusing Range: 105 mm
- ✧ Illumination: Transmission/Reflection LED Illumination, Brightness Adjustable

### Superior optics coupled with simple operation brings you unsurpassed performance



High magnification and large zoom ratio  
Total magnification from 4 $\times$  to 320 $\times$

#### Optional :

- ✧ Tilting Binocular Eyepiece Tube, 5 - 45 Degrees Inclination
- ✧ Plan Apochromatic Objective 0.5 $\times$ , Plan Achromatic Objective 2 $\times$
- ✧ Eyepiece 16 $\times$  & 20 $\times$
- ✧ Dark Field & Epi-Fluorescent Attachment
- ✧ Coaxial Illumination
- ✧ Photography & Video Attachment
- ✧ Simple Polarization Set
- ✧ Mechanical & Temperature Controlled Stage
- ✧ Coaxial Coarse/Fine Focusing Unit
- ✧ Universal Stage Stand, D Stand

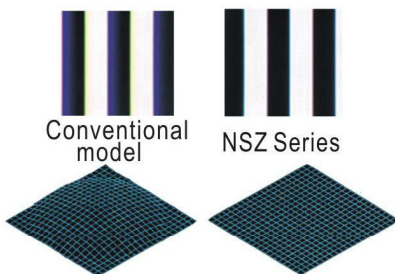




It can be used extensively for scientific research , industry, biological and medical field.

Ergonomic design ensures comfortable and accurate operation in a natural posture. Unrivalled optical performance, ergonomic design and a variety of accessories to meet your requirements

The NSZ- 810 features a large 8× zoom ratio, extending from 0.8× to 6.4×. This gives you total magnification from 4× to 256×, depending on the combination of eyepiece and objective used. In addition to the standard type, you have the option of using a tilting binocular eyepiece tube to observe at an optimum eyepoint. Expanded accessory lineup for greater flexibility in various applications such as Epi-fluorescence attachment, Dark field attachment, Photography attachment and so on.

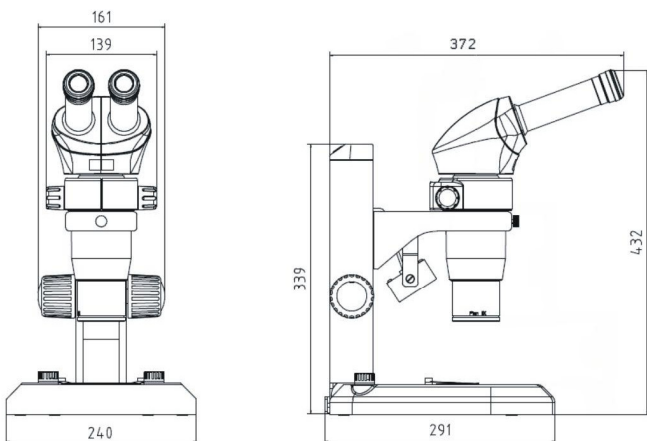


Distortion causes a globular effect even when you actually observe a flat object

### Images appear undistorted and natural-looking

Producing images that cause less strain on your eyes was one goal of Novel's ergonomic design. We tackled the problems usually associated with stereoscopic microscopes, namely chromatic aberration and distortion in the lens that cause surface irregularities in the image, and solved both to a high degree. Now you can view stereoscopic images that appear undistorted in all their brilliant, true-to-life colors.

### Dimension



### Superior optics coupled with simple operation brings you unsurpassed performance



High magnification and large zoom ratio  
Total magnification from 4× to 256×

### Specification

- ✧ Optical System: Parallel Optical Zoom System
- ✧ Drawing Tube: 20° Inclined Binocular Head
- ✧ Zoom Ratio: 1:8
- ✧ Zoom Objective: 0.8× ~6.4×
- ✧ Objective: Plan Achromatic Objective 1×
- ✧ Eyepiece: 10×/Φ22
- ✧ Working Distance: 78 mm
- ✧ Focusing Range: 105 mm
- ✧ Illumination: Transmission/Reflection LED Illumination, Brightness Adjustable

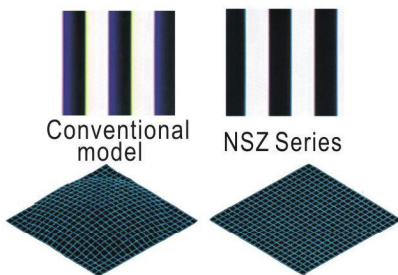
#### Optional :

- ✧ Tilting Binocular Eyepiece Tube, 5 - 45 Degrees Inclination
- ✧ Plan Apochromatic Objective 0.5×, Plan Achromatic Objective 2×
- ✧ Eyepiece 16× & 20×
- ✧ Dark Field & Epi-Fluorescent Attachment
- ✧ Coaxial Illumination
- ✧ Photography & Video Attachment
- ✧ Simple Polarization Set
- ✧ Mechanical & Temperature Controlled Stage
- ✧ Universal Stage Stand, D Stand



There is a wide application in industry field.  
Ergonomic design ensures comfortable and accurate operation in a natural posture.  
Unrivalled optical performance, ergonomic design and a variety of accessories to meet your requirements

The NSZ- 810 features a large  $6.3\times$  zoom ratio, extending from  $0.8\times$  to  $5\times$ . This gives you total magnification from  $4\times$  to  $200\times$ , depending on the combination of eyepiece and objective used. In addition to the standard type, you have the option of using a tilting binocular eyepiece tube to observe at an optimum eyepoint. Expanded accessory lineup for greater flexibility in various applications such as Epi-fluorescence attachment, Dark field attachment, Photography attachment and so on.

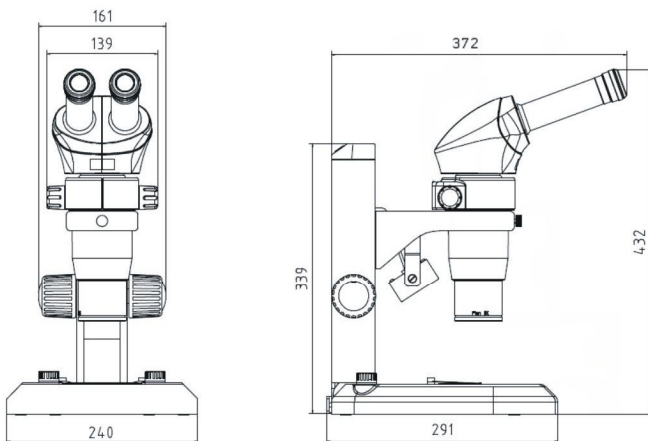


Distortion causes a globular effect even when you actually observe a flat object

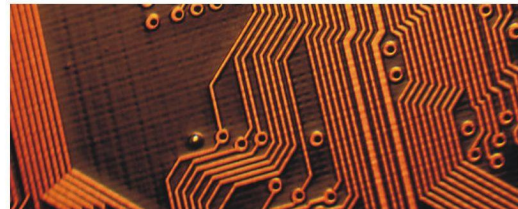
### Images appear undistorted and natural-looking

Producing images that cause less strain on your eyes was one goal of Novel's ergonomic design. We tackled the problems usually associated with stereoscopic microscopes, namely chromatic aberration and distortion in the lens that cause surface irregularities in the image, and solved both to a high degree. Now you can view stereoscopic images that appear undistorted in all their brilliant, true-to-life colors.

### Dimension



### Superior optics coupled with simple operation brings you unsurpassed performance



High magnification and large zoom ratio  
Total magnification from  $4\times$  to  $200\times$

### Specification

- ✧ Optical System: Parallel Optical Zoom System
- ✧ Drawing Tube:  $20^\circ$  Inclined Binocular Head
- ✧ Zoom Ratio: 1:6.3
- ✧ Zoom Objective:  $0.8\times \sim 5\times$
- ✧ Objective: Plan Achromatic Objective  $1\times$
- ✧ Eyepiece:  $10\times / \Phi 22$
- ✧ Working Distance: 78 mm
- ✧ Focusing Range: 105 mm
- ✧ Illumination: Transmission/Reflection LED  
Illumination, Brightness Adjustable

#### Optional :

- ✧ Tilting Binocular Eyepiece Tube, 5 - 45 Degrees Inclination
- ✧ Plan Apochromatic Objective  $0.5\times$ , Plan Achromatic Objective  $2\times$
- ✧ Eyepiece  $16\times$  &  $20\times$
- ✧ Dark Field & Epi-Fluorescent Attachment
- ✧ Coaxial Illumination
- ✧ Photography & Video Attachment
- ✧ Simple Polarization Set
- ✧ Mechanical & Temperature Controlled Stage
- ✧ Universal Stage Stand, D Stand