

Industrial Microscopes

We are pleased to present to you our line of industrial microscopes. In many different industries, including jewelry manufacturing, research, aerospace, horology, and many more, microscopes are used for inspection, quality control, measuring, soldering, and manufacturing processes. Binocular and trinocular heads are features of these microscopes. On every stand, both heads are fixed. Once brought into focus, images remain clear throughout the whole zoom range. It has a large field of view, a long working distance, and a large depth of field. A wide variety of optical lenses with different stands are available.



1. OptoMag 23E – Economy Stereo Zoom Microscope

- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Total Magnification – **7x to 45x**
- Light with built-in illumination
- Field of View : **33mm to 5.1mm**
- Working distance: **105mm** (without auxiliary lens)
- Interpupillary Distance Adjustment : 55mm – 75mm.
- Binocular Tube : Inclined 450 degree.
- Dioptre adjustment: **+/- 5 Dioptre**
- Binocular Body: can be rotated a full 360 degree.
- LED light is integrated at both top and bottom.

2. OptoMag 23ST – Stereo Zoom Microscope

- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 5.1mm**
- Working distance: **108mm** (without auxiliary lens)
- Interpupillary Distance Adjustment : **55mm – 75mm.**
- Binocular Tube : Inclined 450 degree.
- Dioptre adjustment: **+/- 5 Dioptre**
- Binocular Body: can be rotated a full 360 degree
- Brightness-adjustable with separate dimmer controls
- Head: 45 degree inclined binocular.
- LED light is integrated at **both top and bottom.**



[Go for more details - https://www.khushent.com/industrial-microscopes/optomag-series-zoom-microscopes/](https://www.khushent.com/industrial-microscopes/optomag-series-zoom-microscopes/)

3. OptoMag 23SP – Stereo Zoom Microscope



- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 5.1mm**
- Interpapillary Distance Adjustment : **55mm – 75mm.**
- Binocular Tube : Inclined 450 degree.
- Diapter adjustment: **+/- 5 Dioptre**
- Working distance : **105mm (without auxiliary lens)**
- Binocular Body: can be rotated a full 360 degree
- Brightness-adjustable with separate dimmer controls
- The top LED light is integrated and the **bottom florescent Light** is integrated.

4. OptoMag 23SD- Dual Gooseneck Stereo zoom microscope

- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 5.1mm**
- Two Flexible Gooseneck LED lamps
- Working distance: **108mm** (without auxiliary lens)
- Interpupillary Distance Adjustment : **55mm – 75mm.**
- Binocular Tube : Inclined 450 degree.
- Diapter adjustment: **+/- 5 Dioptre**
- Binocular Body: can be rotated a full 360 degree
- Brightness-adjustable with separate dimmer controls



5. OptoMag 23T - Trinocular Zoom Microscope

- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 5.1mm**
- Working distance: **105mm** (without auxiliary lens)
- Interpupillary Distance Adjustment : **55mm – 75mm.**
- Trinocular Tube : Inclined 450 degree.
- Dioptre adjustment: **+/- 5 Dioptre**
- Trinocular Body: can be rotated a full 360 degree
- LED light is integrated at both top and bottom.

6. OptoMag 23SB – Stereo Zoom Microscope



- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – 7x to 45x
- Boom Stand – **Without Light Source**
- Field of View : **33mm to 51mm**
- Working distance: **108mm** (without auxiliary lens)
- Interpupillary Distance Adjustment : 55mm – 75mm.
- Binocular Tube : Inclined 450 degree.
- Dioptre adjustment: **+/- 5 Dioptre**
- Binocular Body: can be rotated a full 360 degree
- Adjustable interpupillary distance and Flexible Boom Stand.

7. OptoMag 23TB -Trinocular Zoom Microscope

- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 5.1mm**
- Working distance: **105mm (without auxiliary lens)**
- Interpupillary Distance Adjustment : **55mm – 75mm.**
- Trinocular Tube : Inclined 450 degree.
- Dioptre adjustment: **+/- 5 Dioptre**
- Trinocular Body: can be rotated a full 360 degree
- Adjustable interpupillary distance and adjustable Boom stand.



8. OptoMag 23SF – Stereo Zoom Microscope



- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Field of View : **33mm to 51mm**
- Working distance: **108mm (without auxiliary lens)**
- Interpupillary Distance Adjustment : 55mm – 75mm.
- Binocular Tube : Inclined 450 degree.
- Diapter adjustment: +/- 5 Dioptre
- Binocular Body: can be rotated a full 360 degree
- Adjustable interpupillary distance and Flexible Arm Stand.

Go for more details - <https://www.khushent.com/industrial-microscopes/optomag-series-zoom-microscopes/>

9. OptoMag 23TF – Trinocular Zoom Microscope



- Excellent 3D images with high resolution.
- Zoom Range: **0.7x – 4.5x**, Zoom ratio 1: 6.5
- Magnification – **7x to 45x**
- Flexible Stand – **Without Light Source**
- Field of View : **33mm to 51mm**
- Working distance: **108mm (without auxiliary lens)**
- Interpupillary Distance Adjustment : **55mm – 75mm.**
- Trinocular Tube : Inclined 450 degree.
- Diapter adjustment: +/- 5 Dioptre
- Trinocular Body: can be rotated a full 360 degree

10. OptoMag 23SM – Stereo Microscope (10+20x / 10+30x / 20+40x)

- Two magnification settings: **10+20x / 10+30x / 20+40x**
- Excellent 3D images with high resolution
- Diopter Adjustment **+/- 5 Dioptre**
- Interpupillary Distance **55mm-75mm**
- Field of View : **9mm - 27mm**
- **LED Incident and Transmitted lights**
- Head 45 degree inclined Binocular with locked in eyepieces
- Working Distance **56mm(1x), 81mm(2x)**
- It is supported with small batteries
- GE and CE Electronics-approved apparatus.



10. OptoMag 23SMP – Premium Stereo Microscope (10+30x / 10+20x / 20+40x)

- Two magnification settings: **10+20x / 10+30x / 20+40x**
- Excellent 3D images with high resolution
- Diopter Adjustment : **+/- 5 Dioptre**
- Interpupillary Distance : **55mm-75mm**
- Field of View : **9mm - 27mm**
- Built-in **Incident (top) and Transmitted (bottom)** Illumination System
- Head 45 degree inclined Binocular with locked in eyepieces
- **Working Distance 56mm(1x), 81mm(2x)**
- It is supported with small batteries
- GE and CE Electronics-approved apparatus.



Go for more details - <https://www.khushent.com/industrial-microscopes/stereo-microscope/>

Microscope Accessories



Optical Specifications

Eyepiece	Standard		Auxiliary Lens 0.5X		Auxiliary Lens 1.5X		Auxiliary Lens 2X	
	W.D. 105mm		W.D. 177mm		W.D. 47mm		W.D. 26mm	
	Mag.	F.O.V	Mag.	F.O.V	Mag.	F.O.V	Mag.	F.O.V
10X/20mm	6.7X	32.8mm	3.4X	65.7mm	10.1X	21.9mm	13.4X	16.4mm
	45.0X	4.9mm	22.5X	9.8mm	67.5X	3.3mm	90.0X	2.4mm
15X/15mm	10.1X	23.9mm	5.0X	47.8mm	15.1X	15.9mm	20.1X	11.9mm
	67.5X	3.6mm	33.8X	7.1mm	101.3X	2.4mm	135.0X	1.8mm
20X/10mm	13.4X	17.9mm	6.7X	38.5mm	20.1X	11.9mm	26.8X	9.0mm
	90.0X	2.7mm	45.0X	5.3mm	135.0X	1.8mm	180.0X	1.3mm
10X/22mm	6.7X	32.8mm	3.4X	65.7mm	10.1X	21.9mm	13.4X	16.4mm
	45.0X	4.9mm	22.5X	9.8mm	67.5X	3.3mm	90.0X	2.4mm
15X/16mm	10.1X	23.9mm	5.0X	47.8mm	15.1X	15.9mm	20.1X	11.9mm
	67.5X	3.6mm	33.8X	7.1mm	101.3X	2.4mm	135.0X	1.8mm
20X/12mm	13.4X	17.9mm	6.7X	38.5mm	20.1X	11.9mm	26.8X	9.0mm
	90.0X	2.7mm	45.0X	5.3mm	135.0X	1.8mm	180.0X	1.3mm

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