

# Zoom Stereo Microscope

Model: ZM191

- BINOCULAR ZOOM STEREO HEAD
- WF10X PAIRED EYEPIECES
- 0.7X-4.5X CONTINUOUS ZOOM BODY
- POLE STAND WITH TOP AND BOTTOM LED ILLUMINATION



ZM190 Series zoom stereo microscopes adapt multifunction design and excellent manufacturing technology. The ZM190 have been built to meet customer demands for a reliable performance at a competitive price. The superb quality and affordable price make the ZM190 Series ideal instruments for a variety of industrial, medical, educational, and special OEM applications.

Binocular head features high Eyepoint eyepieces, dual diopter control for sharp, clear focus control matched to individual eye differences.

The top and bottom light is a super bright LED designed to provide excellent lighting without giving off heat. Four-way lighting controls: Off, Top light only, Bottom light only, Both Top and bottom light on.



## ADDITIONAL INFORMATION

### ACCESSORIES

#### Bodies

D4-3001 Binocular Zoom Body 0.7X~4.5X

D4-3002 Trinocular Zoom Body 0.7X~4.5X

#### Eyepieces and Auxiliary Lens

D4-1001 Widefield Eyepiece 10X FN: 19 mm

D4-1002 Widefield Eyepiece 15X FN: 14.5 mm

D4-1003 Widefield Eyepiece 20X FN: 11 mm

D4-1004 Widefield Eyepiece 25X FN: 9 mm

D4-1005 Extra Widefield Eyepiece 10X FN: 23 mm

D4-2001 Auxiliary Lens 2X

D4-2002 Auxiliary Lens 1.5X

D4-2003 Auxiliary Lens 0.75X

D4-2004 Auxiliary Lens 0.5X

D4-2005 Auxiliary Lens 0.3X

#### Stands, Arms and Bases

D4-4001 PE Stand, pole type with extension pillar

D4-4001HF PE-HF Stand, incident halogen (6V, 20W) and transmitted fluorescent illumination (5W)

D4-4002 DPT Stand, with incident illuminator port

D4-4003FF DFF Stand, incident and transmitted fluorescent illumination (5W)

D4-4004 DE Stand, two-step extensible arm

D4-4004HF Same as D4-4004 but with incident halogen (6V, 20W) and transmitted fluorescent illumination (5W)

D4-4006 Boom Stand with universal arm (D4-4101 included)

D4-4007 Boom Stand with 25 mm post carrier (D4-4106 included) and focusing mount (D4-4102 included)

D4-4101 Universal arm (Bonder Arm) with 5/8 inch knuckle pin



	D4-4102	Focusing mount with 25 mm diameter through hole
	D4-4103	Probe arm
	D4-4104	Boom Stand with 5/8 inch knuckle hole
	D4-4105	Boom Stand with 25 mm post carrier (D4-4106 included)
	D4-4106	25 mm post carrier
	D4-4201	Diascopic base (only use with DPT stand D4-4002)
	<b>Other Components and Accessories</b>	
	D4-7002	Fiber optics dual-chrome gooseneck
	D4-7003	Fiber optics ring light
	D4-7004	Fiber optics light source 115V, 100W
	D4-8010	35 mm camera adapter and photo eyepiece system
	D4-8020	video adapter with external C thread, adjustable
	D4-8901	Objective protection ring with glass
	D4-8902	Reticule for 10X eyepiece (D4-1001)
	D4-8903	Reticule for WFH10X eyepiece (D4-1005)
<b>SPECIFICATION</b>	<b>Head</b>	Binocular
	<b>Eyepiece</b>	WF10X
	<b>Body</b>	0.7X~4.5X
	<b>Stand</b>	PE Stand with ext. pillar
	<b>Illumination</b>	None
<b>SIZE AND WEIGHT</b>	<b>Actual Size</b>	9.7" x 7" x 16.5"
	<b>Shipping Size</b>	10.8" x 14" x 17.5"
	<b>Net Weight</b>	15.5 lbs (7.0kg)
	<b>Shipping Weight</b>	17.5 lbs (7.7 kg)

