

3075 ZOOM STEREO MICROSCOPE SERIES

Sharp, High-Resolution
Three-dimensional Images



Sharp, high resolution, three-dimensional images offer users a powerful, professional zoom stereo microscope designed to withstand rigorous industrial use. The large magnification range and long working distance simplifies observation making the 3075 Zoom Stereo Microscope Series ideal for industrial inspection applications.

JR INSTRUMENTS

MICROSCOPES, SALES, & SERVICE—GEM PRODUCTS

3075 ZOOM STEREO MICROSCOPE SERIES

SPECIFICATIONS

Viewing Head	Binocular or trinocular viewing body, inclined 45° and rotatable 360°
Eyepieces	WF10x/22mm field of view with built-in diopter adjustments and eyeguards
Stand	Available with an incident/transmitted light base, pole, boom, flex arm, or diascopic stands
Stage	Frosted glass stage plate in base gives evenly diffused illumination; black and white contrast plate is also included
Focusing System	Large dual focusing knobs with adjustable tension control for rapid and easy focusing
Accessories	Eyeguards, dust cover, and instruction manual included
Optional Accessories	<p>Eyepieces: WF 10x/22mm focusable eyepiece with 10mm/100 division reticle with cross-line, WF 15x/16mm eyepiece with diopter adjustment and eyeguard, WF 20x/12mm eyepiece with built-in diopter adjustment and eyeguard; eyepiece reticles</p> <p>Auxiliary Objectives: 0.3x, 0.4x, 0.5x, 0.75x, 1.0x, 1.5x, 2.0x</p> <p>Illuminators: LED ring illuminators, fiber optic illuminator, fluorescent ring illuminators</p> <p>Miscellaneous: c-mount adapters and photo tube; gem clamp; microscope carry case</p>
Warranty	5 year limited warranty for parts, labor and electronic components; 1 year warranty on LED bulb

Design, features and specifications are subject to change without notice.

Optical Data

Objective	0.3X	0.4X	0.5X	0.75X	1X	1.5X	2X	
Working Distance	287mm	217mm	177mm	117mm	100mm	47mm	26mm	
10X	Magnification	2.0x-13.5x	2.7x-18.0x	3.4x-22.5x	5.0x-33.8x	6.7x-45.0x	10.1x-67.5x	13.4x-90.0x
	View Field (mm)	109.5-16.3	82.1-12.2	65.7-9.8	43.8-6.5	32.8-4.9	21.9-3.3	16.4-2.4
15X	Magnification	3.0x-20.3	4.0x-27.0	5.0x-33.8x	7.5x-50.6x	10.1x-67.5x	15.1x-101.3x	20.1x-135x
	View Field (mm)	79.6-11.9	59.7-8.9	47.8-7.1	31.8-4.7	23.9-3.6	15.9-2.4	11.9-1.8
20X	Magnification	4.0x-27.0x	5.4x-36.0x	6.7x-45.0x	10.1x-67.5x	13.4x-90.0x	20.1x-135.0x	26.8x-180x
	View Field (mm)	59.7-8.9	44.8-6.7	35.8-5.3	23.9-3.6	17.9-2.7	11.9-1.8	9-1.3
25X	Magnification	5.0x-33.8x	6.7x-45.0x	8.4x-56.3x	12.6x-84.4x	16.8x-112.5x	25.1x-168.8x	33.5x-225x
	View Field (mm)	44.8-6.7	33.6-5.0	26.9-4.0	17.9-2.7	13.4-2.0	9.0-1.3	6.7-1.0
30X	Magnification	6x-40.5x	8x-54x	10x-67.5x	15x-101x	20x-135x	30x-202x	40x-270x
	View Field (mm)	34.8x-5.1	26.1-3.87	20.9-3.1	13.9-2.1	10.4-1.55	6.9-1	5.2-7.5

ISO 9001

Certification

Design and production adheres to ISO9001 international quality standard.

ISO 14001

Certification

Design and production meets the requirements of international standard ISO 14001 for environmental management.



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