



Intelligent Vision Solutions

479 So. Stewart Street Suite 4 - Sonora, CA 95370 Telephone (209) 533-4783

Binocular, Trinocular and Digital Video Microscopes

INSPECTION, RE-WORK OR TOUCH-UP & IMAGE CAPTURE

GM-0900 STEREO ZOOM BINOCULAR MICROSCOPE W/5-YEAR WARRANTY



OPERATIONAL FUNCTIONS:

Magnification range: Choose optic and aux lens from chart below

Operational working distance: 100 mm

Stereo Zoom Body 45° angle of view

Configuration shown GM-0900-P-FORL

Specification Sheet

| | |
|---------------------------------|------------------------------------|
| Zoom Range of body | 0.65x~4.5x |
| Zoom Ratio | 1:6.9 |
| 10 x eyepiece (pair) (Standard) | Interpupillary distance 52mm- 75mm |
| Eyepiece inclination | 45° |
| Eyepiece Diopter correction | +/-5 |
| 1x Aux lens (Standard) | Aux lens ring adapter |
| 4.5 x body: | Air tight enclosure |

Options:

Eyepieces: 15x, 20x or 30x

Auxiliary Objectives: 0.3, 0.5, 0.75, 1.5, or 2x

Mounting Arrangements: Pneumatic Arm (c-clamp), Single Post Boom Stand, Post Stand or Rack Stand

Illumination: Fiber Optic ring light or dual gooseneck light guides, LED or Fluorescent ring light

Magnification and Field Of View, (FOV) chart

A multiplier of eyepiece, microscope body and auxiliary lens size determines magnification.

| Diopter Eyepiece | Base Head | Aux lens | / FOV | Magnification Range |
|------------------|-----------|----------|----------------|---------------------|
| 10x | 4.5x | 0.5 | / 55~8.8 mm | 3.4 x to 22.5 x |
| 10x | 4.5x | 1 | / 27.5~4.4 mm | 6.7 x to 45x |
| 10x | 4.5x | 1.5 | / 21.9~ 3.3 mm | 10.1 x to 67.5x |
| 10x | 4.5x | 2 | / 13.8~2.2 mm | 13.4 x to 90x |
| 20x | 4.5x | 0.5 | / 31.2~5 mm | 6.7 x to 45 x |
| 20x | 4.5x | 1 | / 15.6~2.5 mm | 13.4 x to 90x |
| 20x | 4.5x | 1.5 | / 11.9~1.8 mm | 20.1 x to 135x |
| 20x | 4.5x | 2 | / 7.8~1.3 mm | 26.8 x to 180x |
| 30x | 4.5x | 0.5 | / 17.6~2.8 mm | 10 x to 67.5x |
| 30x | 4.5x | 1 | / 8.8~1.4 mm | 20 x to 135 x |
| 30x | 4.5x | 1.5 | / 6.9~1 mm | 30 x to 202 x |
| 30x | 4.5x | 2 | / 4.4~0.7 mm | 40 x to 270 x |

Click Here to Request A Quote