



Intelligent Vision Solutions

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Binocular, Trinocular and Digital Video Microscopes

Video inspection and documentation solutions for today's applications
INSPECTION, TRAINING, & IMAGE CAPTURE

GM-0700 LCD VIDEO ZOOM MICROSCOPE W/ 5-YEAR WARRANTY



Coupler	0.35X (Optional)		0.5x (Standard)		Working Distance
Auxiliary Lens	Magnification	FOV mm	Magnification	FOV mm	Subject to mounting arrangement
0.3x	3.2x~20.8x	81~12.7	4.6x~29.7x	57.1~8.9	331 mm
0.5x	5.4x~34.7x	48.8~7.6	7.7x~49.5x	34.3~5.3	198 mm
0.75x	8.1x~52x	32.6~5	11.6x~74.3x	22.8~3.6	131 mm
1.0x (Standard)	10.8x~69.3x	24.4~3.8	15.4x~99.1x	17.1~2.7	96 mm
1.5x	16.2x~104x	16.3~2.5	23.1x~148.6x	11.4~1.8	63 mm
2.0x	21.6x~138.7x	12.2~1.9	30.8x~198.1x	8.6~1.3	46 mm

Configuration shown w/Rack Stand GM-0700-RS

Specification Sheet

NTSC (Y/C) or PAL

CCD Sensor:

1/3" Interline Color Sensor (BNC connection)

Minimum Illumination:

1 Lux @ F: 1.2

Horizontal Freq:

15.734 kHz

Vertical Freq:

59.94 Hz

Scanning System:

2:1 Interlace

Sync. System:

Internal

Shutter Speed:

1/60~ 1/10000

Camera Setup Function:

ON-Off Control

Auto Gain Compensation:

On (0~8 db)

Video Output Signal:

VBS 1.0 Vp-p 75 Ohms

Power Supply:

DC ~ 12 V

Power Consumption:

160 mA

Lens Type:

Objective Lens 1x (Standard)

Coupler

0.5x (standard)

Viewing Screen Specification Sheet

10.4" LCD Screen

1024x 768 resolution

AC Input 85 ~ 265V 50-60Hz

Display screen adjustment

Contrast, Brightness, Auto Tuning

I/O Interface Video Sync:

BNC and S-VHS

Options

Objective Lens: see chart above

Mounting Arrangements: Pneumatic Arm (c-clamp), Single Post Boom Stand, Post Stand. Also configured with rack stand as illustrated above,

35°Angle attachment, Laser Pointer, LED ring light

Capture w/ non-contact measurement software

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