

VIDEO INSPECTION SYSTEMS

KMR 200

The KMR-200-M3 video based inspection and measurement system is ideal for receiving inspection, quality assurance, training, manufacturing assembly, research and documentation - wherever easy setup and operation is required but with an X and Y travel option where stage movement is required. M3 models offer Field-Of-View measurement, powerful image processing and DXF imports for direct comparison to the work piece for accurate and repeatable measurements.

FEATURES & SPECIFICATIONS

- Precision 8" x 4" (200 x 100mm) XY stage
- Metlogix™ M3 software including Digital Comparator (DC)
- Color digital video camera
- PC with 24" touchscreen monitor
- 6.5:1 zoom lens
- LED ringlight and substage illumination
- Screen resolution 1920 x 1080
- Auxiliary lens 0.5x and 2x
- Video edge detection



	KMR 200
Part Number	KMR-200-M3
Optics	6.5:1 Zoom
CCD Sensor	1.33 M Pixel
Camera Interface	USB Cable
Computer	PC
Software	Metlogix™ M3
Video Screen	24" Touchscreen Monitor
Screen Resolution	1920 x 1080
Lens Magnification	0.7x to 4.5x Zoom Lens with magnification level feedback through M3 software.
Screen Magnification	31x to 200x
Auxiliary lenses	0.5x, 2x
Field of view width	0.055" to 0.35" (1.4mm to 9.0mm)
Field of view height	0.045" to 0.29" (1.1mm to 7.4mm)
X-Y Stage Motion	8" x 4" (200 x 100mm)
Z Travel	5" (125mm)
Metrology Means	X and Y Encoders
Measurement Resolution	0.5µm (0.00002")
Meas. Accuracy	2.5µm + 5L/1000
Basic Stand	Standard
Boom Stand	N/A
LED Back Light	Standard
LED Ring Light	Standard
Lighting Control	Via M3 Software
Video Inspection	Yes
Basic Dimensions	Yes, VED- FOV Stage Measurement
Geometric Constructs	Yes
Image Annotation	Yes
Image Archiving	Yes
Video Edge Detection	Yes

