

KMR-MX SERIES

KMR-MX 200 MANUAL VISION METROLOGY SYSTEM

The Speed and Accuracy of a Modern Vision System in a Non-PC Format.

- System based upon the KMR-200 Vision system
- Manually driven X-Y stage motion is paired with a 6.5:1 zoom lens and MetLogix™ Mx200 digital readout in stacked display.
- End user can perform a wide range of measurements without the need of a Windows®-based software or PC
- Ideal solution for medical, aerospace, defense industries, as well as any environment which requires a simple yet powerful measurement system which conforms to a wide range of security needs.

Contact US

We encourage you to contact us directly to discuss your application requirements.

Starrett Kinematic Engineering, Inc.

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KMR-MX SERIES

FEATURES

- 14" (355mm) 1080P monitor paired with MetLogix™ MX200 digital readout in stack display
- Precision 200mm x 100mm X-Y stage
- Z travel: 125mm
- 6.5:1 manual zoom lens
- Scale resolution: 0.5µm
- LED profile and ring light with manual control
- USB mouse to interface with camera software
- Built-in color restoration and image acquisition
- Horizontal and vertical image flip capability
- Digital zoom capability on monitor
- Color-customizable digital cross hair for points and features in readout
- Screenshots can be collected and stored for use with built-in comparison tool
- SD card for image storage
- Flexible reporting capabilities

OPERATOR INTERFACE

Feature	MX200
Color graphic 1080P monitor	X
Operating system	MLX Android™
Color graphics	X
Touchscreen operation on digital readout	X
X-Y measurements	X
Point, line, angle, distance, radius, diameter measurement	X
JPEG image capture and exporting with camera software	X
Export to Excel, text file	X
SPC system connectivity	X
Software developer	MetLogix™

KMR-MX OPTICS

Optical Parameters	
Optical magnification on CCD	0.7X to 4.5X
Total magnification on monitor	25X to 155X
Field of view width	1.78mm to 11.43mm
Field of view height	1.02mm to 6.60mm
Working distance	3.47" (88mm)
Camera CCD	1/2.8" Array (2MP)
X-Y Accuracy**	E2 = ± (4 µm + L/50)

**As measured at high magnification using chrome on glass standards.



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