

# XT-SVM-M106

MANUAL MEASUREMENT SYSTEM



## XT-SVM-M106 Manual Measurement System

The Scienscope XT-SVM-M106 Manual XYZ measurement system provides a larger cost effective lightweight platform for a variety of applications. The M106 has a 10x6x8" (250x150x200mm) stage travel. The stage and base are granite and yet the system retains a small footprint. Virtually maintenance free, the price to value is unbeatable. Ask for a demonstration today; or send us some samples for measurement.

### Applications

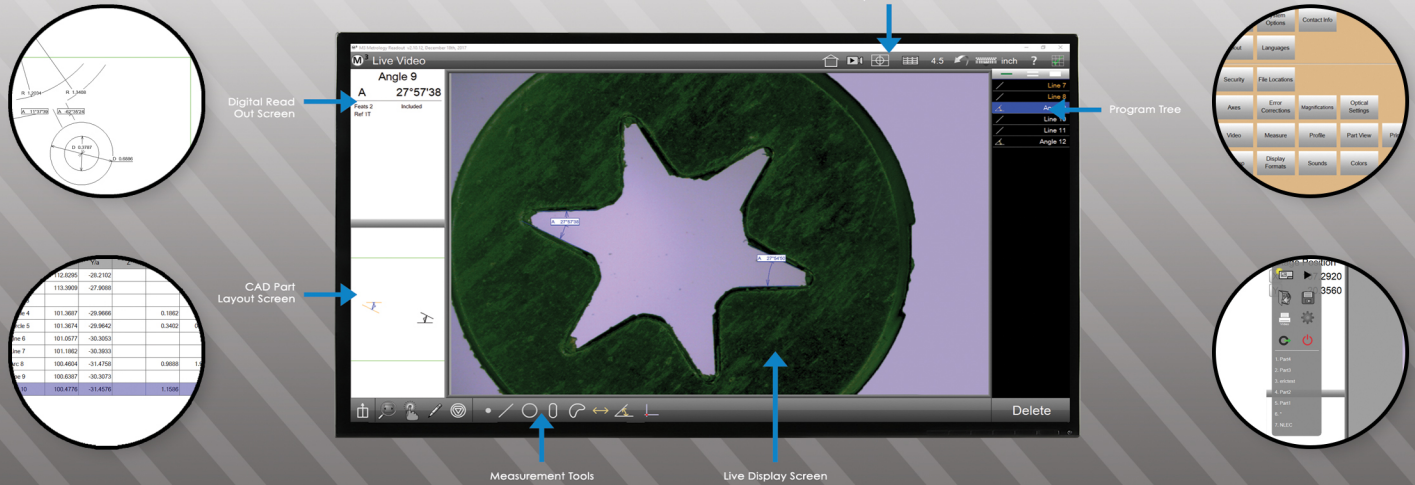
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|---|--|
| <input checked="" type="checkbox"/> Medical       | <input checked="" type="checkbox"/> Sheet Metal    |
| <input checked="" type="checkbox"/> Optics        | <input checked="" type="checkbox"/> Circuit Boards |
| <input checked="" type="checkbox"/> Defense       | <input checked="" type="checkbox"/> Electronics    |
| <input checked="" type="checkbox"/> Life Sciences | <input checked="" type="checkbox"/> Solar          |
| <input checked="" type="checkbox"/> Automotive    | <input checked="" type="checkbox"/> Consumer       |

## System Details FEATURING

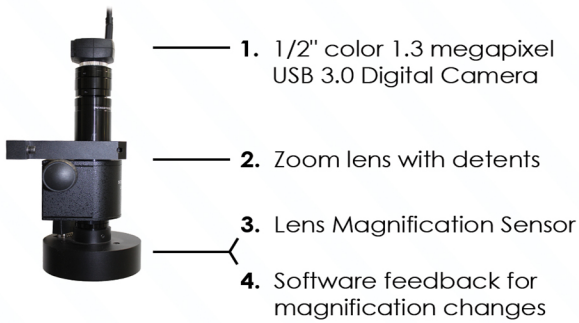


- Precision Granite Base and Stage
- 1/2 (0.5) Micron Resolution Tape Scales
- 1/2" Color 1.3 Megapixel Camera
- 23" LCD Widescreen Monitor
- Zoom Lens with magnification detent sensor
- Quick Lock/Release X/Y Stage
- Software controlled Quad LED top Light
- Software controlled collimated LED Back Light
- M3 MetLogix Software
- True position, GDT and tolerancing, reporting
- CAD layout window, DXF capability
- Live image screen
- Annotation and video capture for archiving and part documentation
- All geometric functions (circle, arc, angle, distance, etc.)
- Workstation Table Optional
- 1 Year Full Warranty

NOW FEATURING THE NEW  
**METLOGIX M3 SOFTWARE!**



**MACHINE VISION**

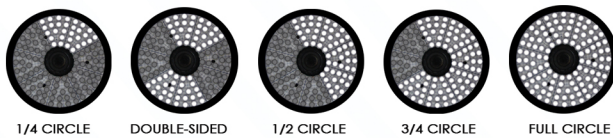


**STAGE DETAILS**

1. Glass Stage Level Adjustments
2. Y-Axis Stage Lock / Quick Release
3. Built-in 1/2 micron resolution tape encoder scale (X/Y)
4. Precision Granite base
5. Y-axis stage knob



**QUADRANT 72-BULB LED TOPLIGHT**



**4X LARGER LENS WITH COLLIMATED BACKLIGHT**



**General Specifications**

Model Number	<b>XT-SVM-M106</b>
Measuring Range	<b>10" X 6" X 8"</b>
Magnification Calibration	Image Magnification Calibration <b>NEW</b>
Measurement Software Options	MetLogix M3 Software
Standard Magnification	25X to 158X / Capable of up to 316X
Illumination	Quad LED top & Collimated back light
Power Supply	110V - 220V ± 5% 50/60HZ
System Resolution	1 µm
Accuracy (X/Y) at 20°C	(3+L/200) µm, L in mm
Repeatability	± 1 µm
Camera	1/2" Color USB 1.3 Mega Pixel Digital Camera
Support Stand	Table top or workstation Optional

THIS SYSTEM INCLUDES A 1 YEAR WARRANTY ON PARTS AND LABOR