

# XT-SVM-M44

MANUAL MEASUREMENT SYSTEM



## XT-SVM-M44 Manual Measurement System

The Scienscope XT-SVM-M44 Manual XY measurement system provides a cost effective lightweight platform for a variety of applications. With a small footprint and virtually maintenance free, the price to value is unbeatable. Ask for a demonstration today, or send us some samples for measurement.

### Applications

- |   |  |
|---|--|
| <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       |

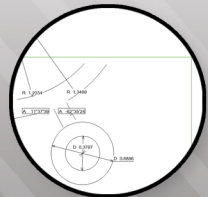
### System Details



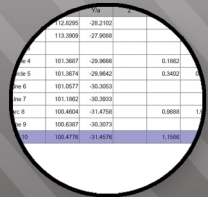
#### FEATURING

- Precision Granite Base and Column
- 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!**



Digital Read Out Screen



CAD Part Layout Screen

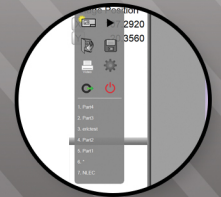


Desktop Menu Features

Program Tree

Measurement Tools

Live Display Screen

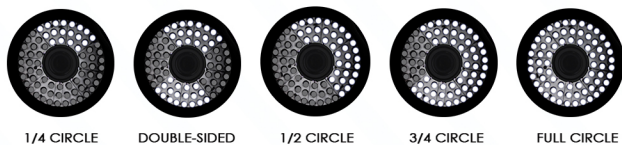


**MACHINE VISION**



- 1. 1/2" color 1.3 megapixel USB 3.0 Digital Camera
- 2. Zoom lens with detents
- 3. LED quad light

**QUADRANT 72-BULB LED TOPLIGHT**

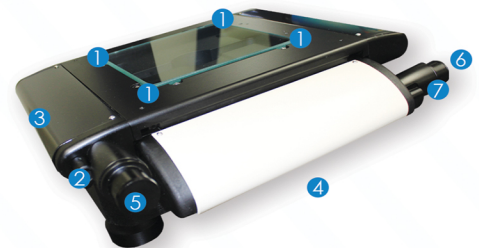


**4X LARGER LENS WITH COLLIMATED BACKLIGHT**



**STAGE DETAILS**

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



- 5. Y-axis stage knob
- 6. X-axis stage knob
- 7. X-Axis Stage Lock / Quick Release

**General Specifications**

Model Number	<b>XT-SVM-M44</b>	<b>NEW</b>
Measuring Range	<b>4" X 4" X 4"</b>	
Magnification Calibration	Image Magnification Calibration	
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	Optional	

THIS SYSTEM INCLUDES A 1 YEAR WARRANTY ON PARTS AND LABOR