

XT-SVM-M1410

MANUAL MEASUREMENT SYSTEM



XT-SVM-M1410 Manual Measurement System

The Scienscope XT-SVM-M1410 Manual XYZ measurement system provides the largest cost effective platform for a variety of applications. The M1410 has a 14x10x8" (350x250x200mm) stage travel. The stage, column and base are granite for thermal stability and strength. Virtually maintenance free, the price to value is unbeatable. Ask for a demonstration today; or send us some samples for measurement.

Applications

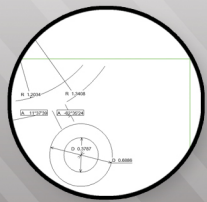
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|---------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Medical | <input checked="" type="checkbox"/> Sheet Metal |
| <input checked="" type="checkbox"/> Optics | <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

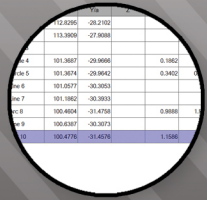


- Precision Granite Base, Stage and Column
- 1/2 (0.5) Micron Resolution Tape Scales
- 1/2" Color 1.3 Megapixel Camera
- 23" LCD Widescreen Monitor
- Zoom Lens with magnification detent sensor
- Quick Lock/Release X/Y Stage
- Software controlled Quad LED top Light
- Software controlled collimated LED 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

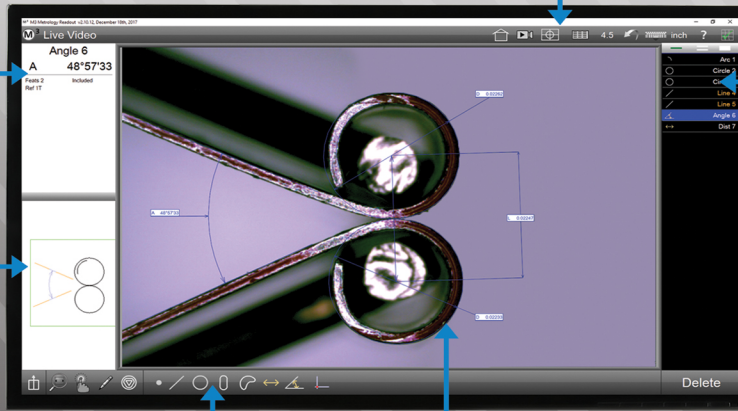
**NOW FEATURING THE NEW
METLOGIX M3 SOFTWARE!**



Digital Read Out Screen



CAD Part Layout Screen



Desktop Menu Features

Program Tree

Measurement Tools

Live Display Screen

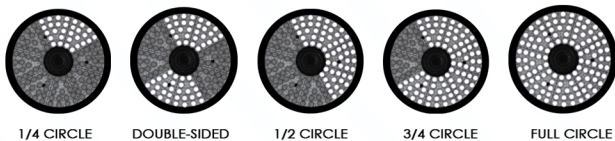


MACHINE VISION



- 1/2" color 1.3 megapixel USB 3.0 Digital Camera
- Zoom lens with detents
- Lens Magnification Sensor
- Software feedback for magnification changes

QUADRANT 72-BULB LED TOPLIGHT



4X LARGER LENS WITH COLLIMATED BACKLIGHT



STAGE DETAILS



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

General Specifications

Model Number	XT-SVM-M1410
Measuring Range	14" X 10" X 8"
Magnification Calibration	Image Magnification Calibration NEW
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