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.

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

Applications

- Medical
- Optics
- Defense
- Life Sciences
- Automotive
- Sheet Metal
- Circuit Boards
- Electronics
- Solar
- Consumer
MACHINE VISION

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

QUADRANT 72-BULB LED TOPLIGHT

1/4 CIRCLE  DOUBLE-SIDED  1/2 CIRCLE  3/4 CIRCLE  FULL CIRCLE

4X LARGER LENS WITH COLLIMATED BACKLIGHT

Enlarged Lens  Legacy Lens  STANDARD LIGHT  COLLIMATED LIGHT

Produces high contrast silhouettes & increased illumination

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

General Specifications

Model Number: XT-SVM-M106
Measuring Range: 10" X 6" X 8"
Magnification Calibration: Image Magnification Calibration
Measurement Software Options: MetaLogix 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