CALTEX
SCIENTIFIC

VMS-840XY
Vision Measurement System

Touch Smart PC

DRO on screen

auto edge detection

Zoom 30x-200x

Measure 8" x 4"

Computer based video comparator

Non-contact coordinate measurement

Digital zoom microscope inspection

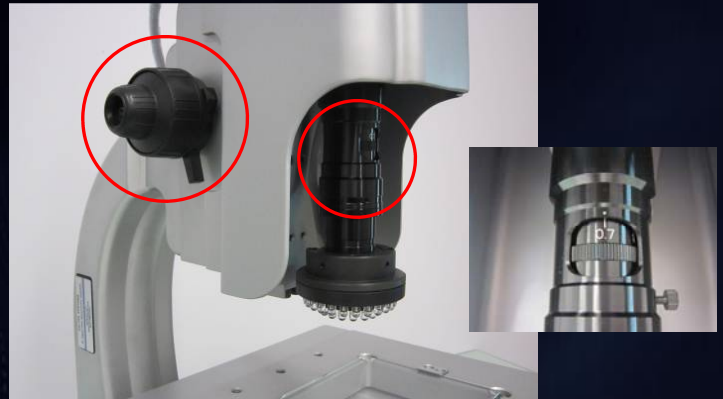**1 micron high resolution 8"x4" X-Y measurement**

Key Features

- Computer based coordinate high accuracy X-Y measurement system
- 8" x 4" XY travel measurement with 1 micron resolution
- 1.3 mega pixel color digital camera (1280x1024)
- 30x-200x zoom magnification with detents , 90mm working distance for detailed viewing
- Manual Z axis travel with fine focus control
- Quick manual measurement with DRO digital readout and software measurement on computer
- User-friendly software interface with simple mouse click for dimensional measurement of XY, point to point, radius, diameter, angle, area, concentricity and length
- Auto edge detection for easy simple one-click measurement
- Computer controlled top LED ring light and back light
- LED ring light with sectional controls and dimming controls
- Dell computer with 22 inch LCD & Windows 7 OS

Key Features

Uncompromised machine, no details have been overlooked, a vision measurement system that provides precision for today world of technology
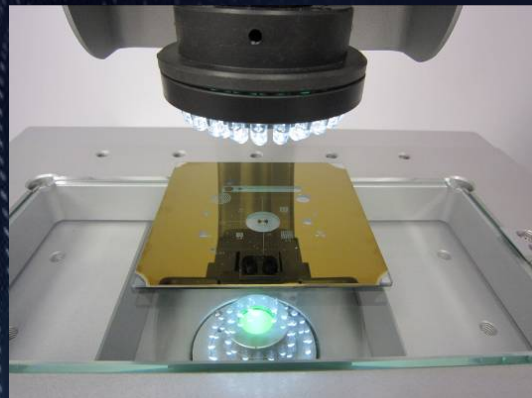

Clean design glass top and aluminum finish for robust operation and cleaning

Z axis travel with coarse and fine focus control 30x-200x zoom magnification with detents

Sectional top LED ring light computer controlled for optimal illumination of your part

Computer controlled LED back light perfect for auto edge detection function of software
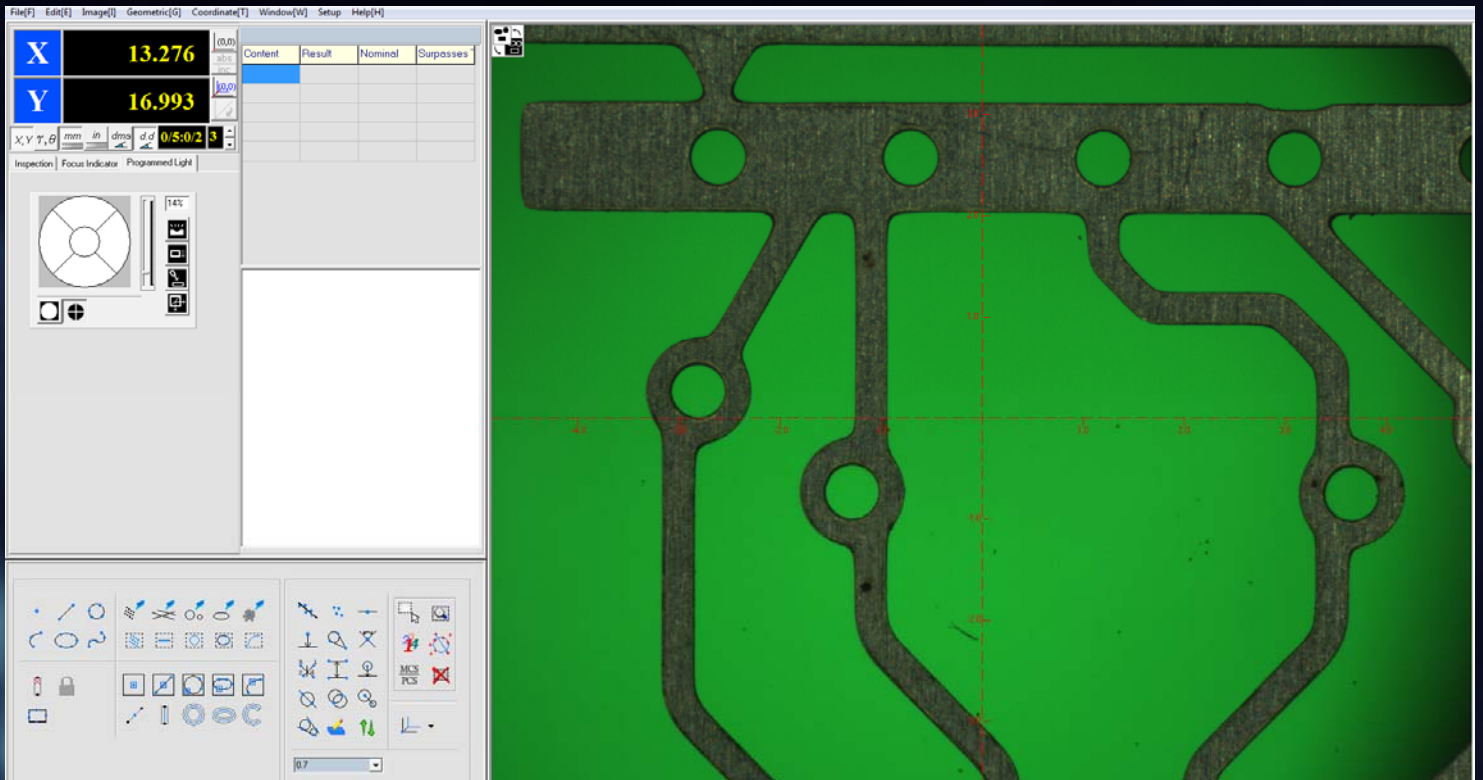

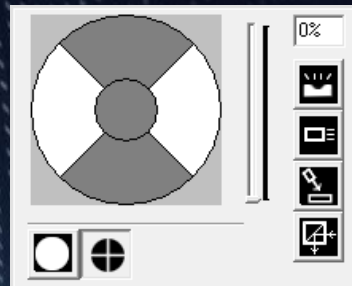Quick release for fast stage moving in X-Y Fine movement by dial knob

Leveling rubber feet for any work surface
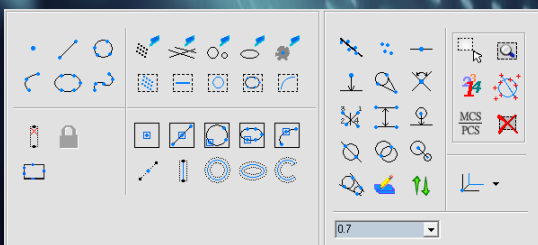
Measurement Software

Intuitive, user-friendly, clean-interface software for any user with or without vision measurement experience. Software designed for precision and workhorse everyday
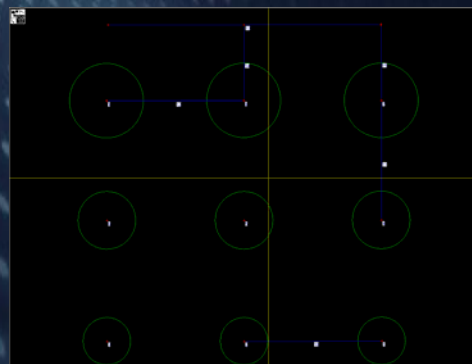

DRO digital readout in inch or mm, one click to switch back and forth

Sectional top light and back light all computer controlled with numeric presentation

Icon based measurement function for fast and easy measurement

Coordinate graphic presentation of measurements

Specifications

Specifications (VMS-840XY)

XY Travel	200mm x 100mm (8 x 4 inch) with encoder
Z axis Travel	Manual Z axis focus with fine focus control
Encoder	0.001mm (1 micron) on XY axes
XY Stage Drive	Manual with quick release for quick travel
Camera	1.3 Mega Pixel Color Digital Camera (1280 x 1024)
Optics	0.7x-4.5x Detent Zoom Lens
Magnification	30x-200x Zoom with Detents
Lighting	Computer control for on/off & dimming, sectional LED Ring Light, Sub-stage LED Back Light
Software	DRO digital readout and auto edge detection
Measurement Functions	Distance, Circle, Angle, Area, Width, Length, Concentricity
	Repeatable measurement programs saved and repeated
Software Functions	Annotation and image capture for failure analysis or part history documentation
	Data analysis directly output to Excel
	Geometry and Coordinate function
Computer	Dell mini-tower CPU
Monitor	22 inch LCD
OS	Windows 7
Warranty	One Year Warranty

Contact

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