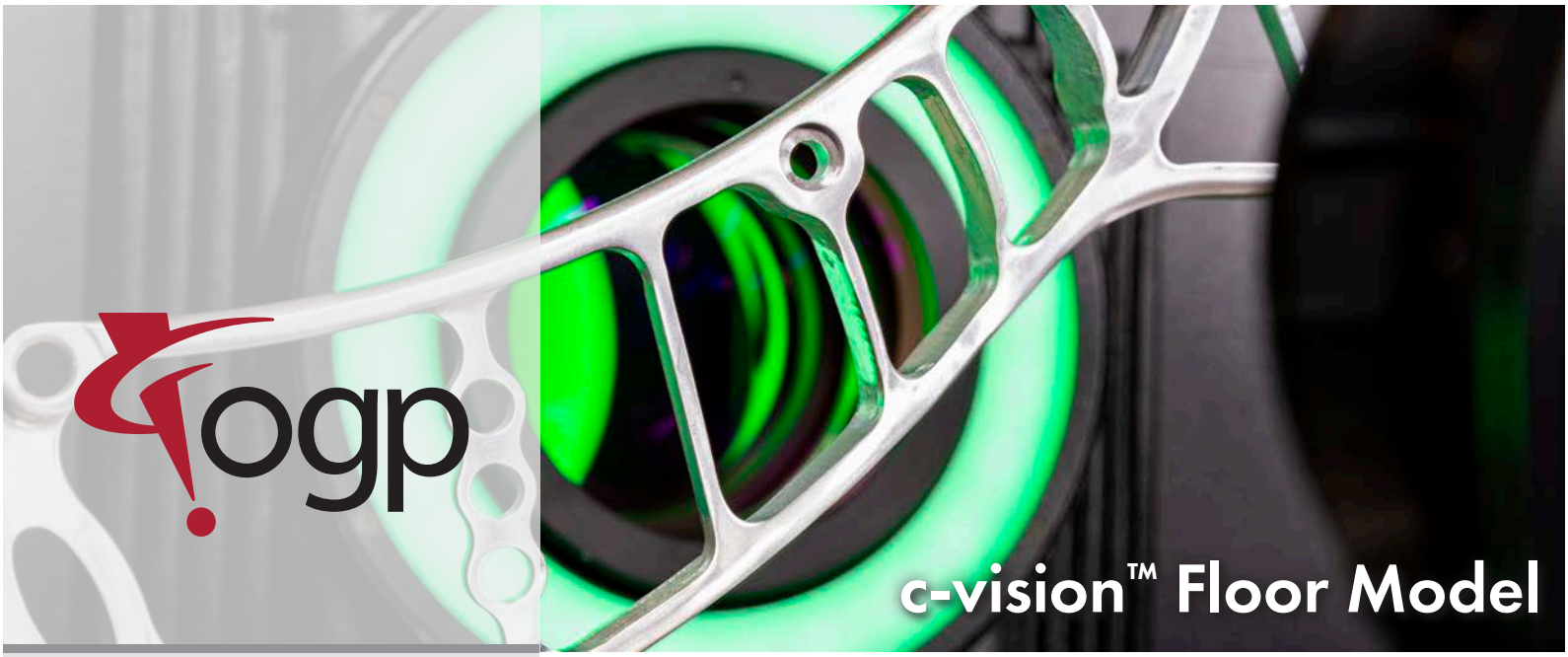


c-vision™ Floor Model

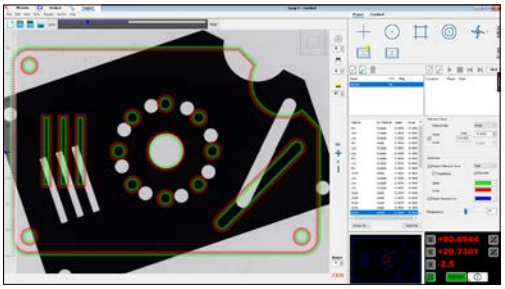
c-vision Floor Model, the ultimate shop floor video measuring system, has the largest measuring range in its class. c-vision Floor Model offers:

- **Accurate Image/Low Distortion –** Provided by the telecentric, wide field dual magnification optical system with advanced digital imaging technology. The AccuCentric® assembly automatically compensates when switching between magnifications.
- **Rugged Design –** The motorized XY table motion is driven by precision linear scales and fine adjusters. Operators enjoy the integrated controller, trackball, and keyboard mounted on a fold-down tray. All LED illumination provides ultra-bright, long life. The optional helix stage is perfect for checking threads, and optional swing-away lamphouse provides agility in loading larger parts.
- **SNAP-X™: Powerful Software –** Display standard and custom overlay charts in Compare mode; Launch Measure mode for fully automatic video measurement; perform GD&T fitting in Analyze mode.

High Capacity Video Contour Projector®

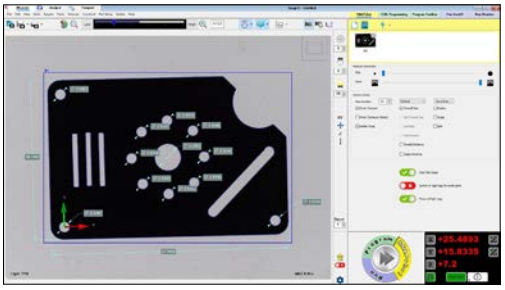
High payload capacity puts advanced automatic video measurement to work for large, heavy parts. Shown with optional LED ring light.

c-vision™ Floor Model



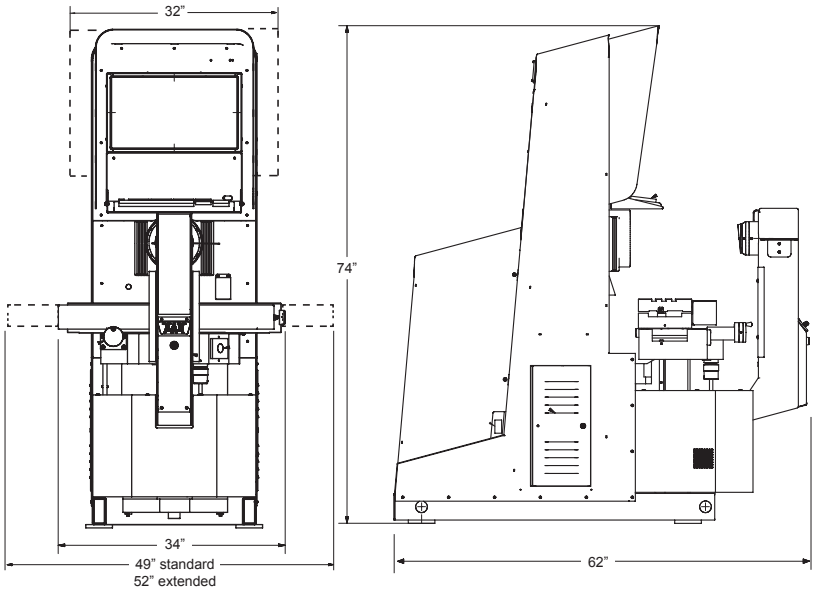
SNAP-X Compare Software

SNAP-X Compare software provides a range of standard comparator charts for virtual gaging such as centerline and radius, as well as custom charts based on the part CAD design.



SNAP-X Measure Software

SNAP-X Measure software provides fully automatic video measurement. SNAP-X SnapShot™ features instant measurement without programming.



System Weight: 1430 lb
Shipping Weight: 1760 lb

	Standard		Optional
XYZ Travel	15" x 9" x 2"		15" x 10" x 2" 18" x 9" x 2" 18" x 10" x 2"
XY Scale Resolution	0.00004"		0.00002"
Drive System	Motorized with variable speed joystick control and manual fine adjustment		
Worktable	Heavy-duty nickel-clad cast-iron worktable, 32" x 8", with three dovetail fixturing slots with 350 lb load capacity		
Helix Angle Range			± 7.5° with pivoting worktable assembly and zero stop
Throat Clearance	16"		
Optics	Dual magnification with six field of view sizes, fully telecentric, long depth of field, upright and fully corrected image		
Illumination	Green LED profile light with continuously variable intensity		Green LED oblique (dark field) ring illuminator with eight selectable patterns and Green LED through-the-lens surface light with continuously variable intensity control
Magnification Lenses	**Low Magnification Lens** 4" Field of View (FOV) 2" Depth of Field (DOF) 6" Working Distance (WD)	**4x High Magnification Lens** 1" Field of View (FOV) 0.4" Depth of Field (DOF) 6" Working Distance (WD)	**10x High Magnification Lens (factory installed, in lieu of 4x lens)** 0.4" Field of View (FOV) 0.08" Depth of Field (DOF) 6" Working Distance (WD)
Metrology Camera	Large field megapixel metrology camera		
Software	SNAP-X Measure and Compare		SNAP-X Analyze, SNAP-X Offline, OGP® EVOLVE® SPC
System Controller	Standard system controller with networking and communication ports		
Accessories			Motorized rotary indexer; Calibration reticles; Swing away lamphouse; Helix pivoting worktable; Rotary vise; Staging centers and V-blocks
Power Requirements	100-120 VAC or 200-240 VAC, 50/60 Hz, 1 phase, 750 W		
Safe Operating Environment	59-86° F, non-condensing		
Rated Environment	Temperature 64-72 °F, stable to ±2 °F, max rate of change 2 °F/hour, max vertical gradient of 1.5 °F/yard; 30-80% humidity; vibration <0.001g below 15 Hz		
Stage Accuracy (E_2)	(300 + 10L) µinch		
Field of View Accuracy (E_2)	Low Mag: 0.0003" High Mag 4x: 0.00016" High Mag 10x: 0.00012"		

Accuracy is evaluated with a QVI verification procedure where "L" is measured length in inches. Specifications apply within the rated environment. Standard optical specifications apply at the maximum optical magnification of the standard configuration. XY Accuracy applies with an evenly distributed load up to 11 lb in the standard measuring plane. The standard measuring plane is defined as perpendicular to the optical axis within 0.02 inch, and within 0.20 inch of best focus. Depending on load distribution, accuracy at maximum payload may be less than standard.

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