

QUICK VISION ACTIVE CNC Vision Measuring System



Combines the flexibility of multiple high-quality zoom lenses with unrivaled Mitutoyo Quality.

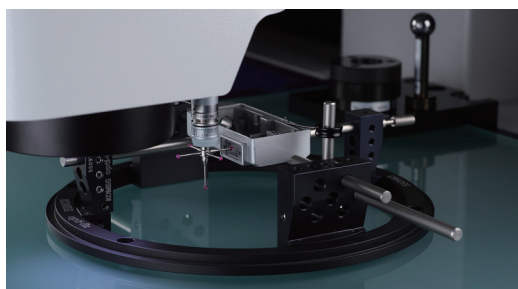


VISION MEASURING SYSTEMS



Quick Vision ACTIVE Series

- Programmable LED stage and coaxial light
- 4-quadrant LED ring light
- High-resolution and high-speed color camera
- High-quality zoom optics with interchangeable lenses
- Compact design saves significant space
- Powerful QVPAK 3D vision software
- Touch-probe retrofittable



QV ACTIVE with optional Opti-fix clamping system



Quick Vision ACTIVE 202 and 404 with optional touch probe



1X, 1.5X and 2X interchangeable lens

Specifications

Type	QV ACTIVE 202	QV ACTIVE 404
No.	363-109Z	363-110Z
Model	QV-L202Z1L-D	QV-L404Z1L-D
Range (X,Y,Z-axis) with vision head	9.84" x 7.87" x 5.91" 250 x 200 x 150 mm	15.75" x 15.75" x 7.87" 400 x 400 x 200 mm
Resolution	0.1 μm	
Accuracy (μm)*	$E_{1(X,Y)} = (2.0+0.3L/100)$ $E_{1(Z)} = (3.0+0.5L/100)$ $E_{2(X,Y)} = (2.5+0.4L/100)$	$E_{1(X,Y)} = (2.0+0.3L/100)$ $E_{1(Z)} = (3.0+0.5L/100)$ $E_{2(X,Y)} = (2.5+0.4L/100)$
Max. stage loading	22 lbs. (10 kg)	44 lbs. (20 kg)
Mass	265 lbs. (120 kg)	606 lbs. (275 kg)
Illumination	(White LED) Contour / Coaxial / 4-quadrant ring light	
Magnification change system	Zoom optical system with 8 positions (Standard 1.5X magnification lens)	
Sensor type	High-resolution CMOS color camera	
Optional objective lenses	1X and 2X magnification	

* L is arbitrary length in mm

Mitutoyo

Mitutoyo America Corporation
www.mitutoyo.com
1-888-MITUTOYO (1-888-648-8869)

M³ Solution Centers:

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Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments
and Data Management

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