

# VISION MEASURING SYSTEMS

## PROFESSIONAL MANUFACTURER

- It has a marble base, columns and countertops. Good stability and strong structural rigidity.
- Two-layer workbench structure reduces mechanical errors and ensures X and Y horizontal motion accuracy.
- Marble work surface, good flatness, good hardness, not easy to scratch, durable.



### SPECIFICATION

CODE	705-10-2010	705-10-3020	705-10-4030	705-10-5040
Stroke (X, Y, Z), mm	200×100×200	300×200×200	400×300×200	500×400×200
Granite size, mm	370×230	450×350	550×460	700×500
Stage glass size, mm	228×128	328×228	428×328	528×428
X/Y Linear Accuracy	(3.0 + L/200) µm			
Z Accuracy	(5.0 + L/50) µm			
X,Y,Z Resolution	0.5 µm			
Maximum stage loading	20 KG			
Observation and Image	1/2" GIGE Color Camera 1.3MP			
	Zoom Lens: 0.7X ~ 4.5X			
	Monitor magnification: 40X ~ 250X			
	Working distance: 90 mm			
Illumination unit	White LED Ring Light Illumination + White LED Transmitted Illumination			
Driver method	Manual			
Software	PI M-VM Measurement software			
Power Supply	220V (AC) / 50Hz			
Dimensions, mm	740×470×910	740×580×940	890×650×980	1040×740×980
Net Weight	95 kg	135 kg	217 kg	297 kg

\* (L = is the measured length, unit mm)

Probe (optional), include Ø2mm and Ø3mm styli, Ø25mm calibration ball, measuring accuracy is 10 $\mu$ m.

#### Softwares

- Operation system: Windows 7/8/10
- Language: English/Chinese/Japanese/Vietnamese
- Single measuring tools:



	Measure coordinate of point		Measure length, width and diameter of key slot
	Measure center coordinate and axis length of ellipse		Measure angle of 2 lines
	Measure length of open curve		Measure length and diameter of arc
	Measure distance of 2 elements		Measure width and diameter of ring
	Measure center coordinate, diameter and area of circle		Measure distance between 2 points
	Measure length, width and area of rectangle		Measure focus distance of surface
	Measure length and area of closed curve		

