



B.N.C.TOOLING Co.,Ltd.

BNC TOOLING .COM
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69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510



Vision Measuring Machine

2.5D AutoVision Super-travel-size Automatic Video Measuring System ***AutoVision 1008/1210/1512/1712***

Model	AutoVision 1008/1210/1512/1712
Code#	526-240
Accuracy	XY Axis: $\leq 4+L/200(\mu m)$ Z Axis: $\leq 5+L/200(\mu m)$
Standard	GBT 24762, ISO-10360
Certificate	Gost CE



Product Characteristics

- Moving bridge structure, measurement workpiece is fixed;
- Four-axis CNC fully auto close loop control, auto measurement;
- Marble base and pillar, stable and reliable;
- Imported open type linear scale, resolution is 0.001mm, high accuracy, great stability;
- Imported P grade linear guide, precision grinding ball screw and AC servo motor, ensure accuracy stability of system position;
- Imported high definition color camera, ensure clear observation and stable measurement requirement;
- 6.5X continue auto zoom lens, precision auto zoom, only need to make pixel calibration once time;
- Programmable 5-ring 8-division LED surface illumination, contour parallel LED illumination, can realize 256 grade brightness adjustment intelligently;
- With proprietary fully auto measuring software iMeasuring 4.1, powerful function, simple operation;
- Optional laser probe, it can also be customized according to customer request;
- Optional 3D Touch probe is available.



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Specification *AutoVision 1008/1210/1512/1712*

Commodity		2.5D Super-travel-size Automatic Vision Measuring Machine							
Model		AutoVision 1008		AutoVision 1210		AutoVision 1512		AutoVision 1712	
Code#		526-210		526-220		526-230		526-240	
X-Y axis Travel(mm)		1000x800mm		1200x1000mm		1500x1200mm		1700x1200mm	
Z axis Travel(mm)		200mm							
X/Y/Z 3-axis Linear Scale		Imported Open Linear Scale, resolution : 1mm							
Guidance Method		Imported P grade linear guide, double-track double slider guide							
Operation Method		Joystick controller, Mouse operation, automatic detection program							
Accuracy*		XY Axis : ≤4+L/200(um)							
		Z Axis : ≤5+L/200 (um)							
Repeatability		5um							
Video System**		High definition Digital Camera, Image navigation system							
		6.5X Automatic Zoom Lens;							
		Optical Magnification: 0.7X~4.5X, Video Magnification: 20X~129X(21.5"monitor)							
Field of View mm ***	Lens	0.7x	1x	2.0x	3.0x	4x	4.5x		
	1/1.8" CCD	12.86x10.29 x7.71	9.00x7.20 x5.40	4.50x3.60x2.70	3.00x2.40x1.80	2.25x1.80x1.35	2.00x1.60x1.20		
Illumination		5-ring 8-division 0~255 grade continue adjustable							
Software System		iMeasuring 4.1 Fully Auto Measuring Software							
Load Capacity		50Kg							
Working Environment		Temperature 20℃±2℃, Humidity Range<2℃/hr, Humidity 30~80%, Vibration<0.002g, <15Hz							