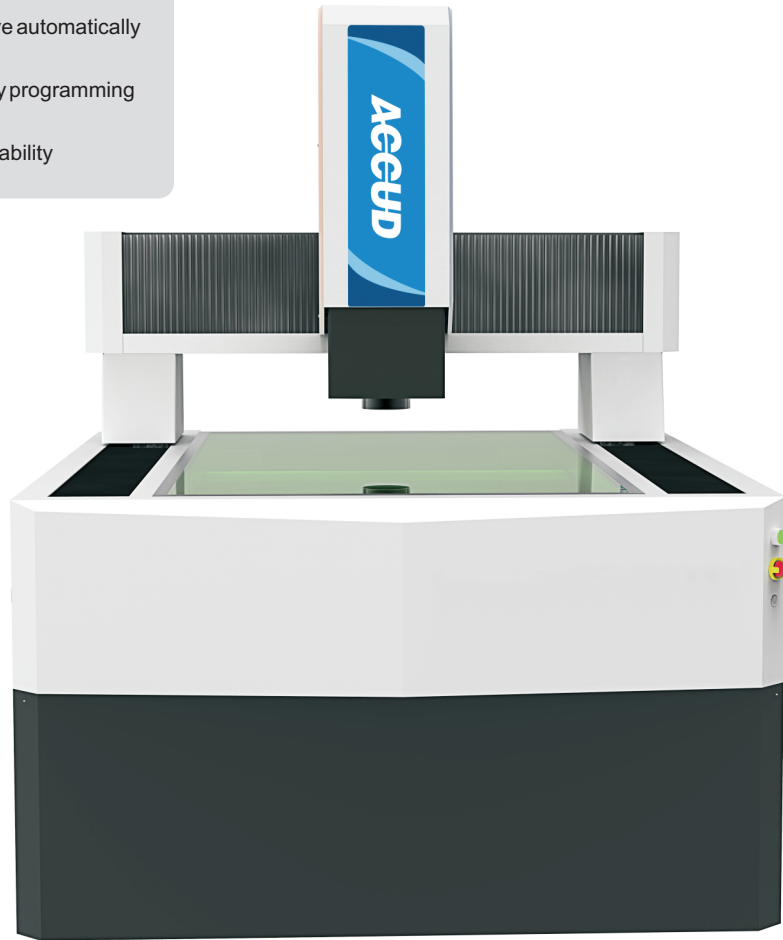




- ◆ The stage is fixed, X/Y/Z Axis can move automatically by programming
- ◆ The light can be changed automatically by programming
- ◆ Automatic focus
- ◆ Granite stage and column with good stability



**VM1000CNC**

The screenshot shows the software interface with several annotated components:

- combined measuring tools**: Points to the top toolbar.
- light control tools**: Points to a sub-panel in the toolbar.
- graphic**: Points to a circular graphic on the left side of the main display.
- movement control**: Points to a directional pad in the toolbar.
- image**: Points to the main camera view showing a green circle on a black background.
- X-Y-Z axis display**: Points to the coordinate readout on the right side of the interface.
- measuring tools**: Points to a sub-panel in the toolbar.
- measuring results**: Points to the data table at the bottom of the interface.

Content	Ref coord.	Unit	Nominal	Over	UpTol	LowTol	State	X	Y	Z
R1		mm						-25.8490	33.4934	-114.2880
Radius			1.2539	0.0000						



## SERIES VM

## AUTOMATIC VISION MACHINE

### SPECIFICATION

Code	VM600CNC	VM800CNC	VM1000CNC	VM1200CNC	VM1500CNC
Measuring range(Y/X axis)	600×500mm	840×620mm	1000×800mm	1200×1000mm	1500×1200mm
Z axis travel with scale	200mm(automatic)				
Stage moving method	automatic				
Linear scale resolution (X/Y/Z axis)	0.5μm				
Accuracy (X/Y axis)	(2+L/200)μm		(2.5+L/200)μm		(3.5+L/200)μm
	L is the measuring length in mm				
Repeatability	2μm				
Focus	90mm				
Lens magnification	0.7X-4.5X				
Total magnification	23-190X				
Camera	Color CCD, 2M pixel				
Illumination	contour illumination: coaxial light, brightness adjustment				
	surface illumination: LED(8 sections), brightness adjustment				
Max. glass stage loading	45kg	50kg	50kg	60kg	60kg
Glass stage size	755×678mm	995×798mm	1155×978mm	1218×1395mm	1378×1655mm
Weight	1050kg	1400kg	1600kg	1800kg	2100kg

### INCLUDED ACCESSORIES

Main unit	1pc
Calibration block	1pc
Software with USB dongle	1pc
Computer	1pc
Count card	1pc
Video card	1pc

### OPTIONAL ACCESSORIES

0.5X auxiliary objective	VM-OB05X
2X auxiliary objective	VM-OB2X
Calibration scale	Series 552
MCP probe*	VM-MCP

\* Should be brought with vision machine