SINOWON® **Vision Measuring Machine**

3D Multisensor Vision Measuring Machine

MVA iMS-322R

Model	iMS-322R
Code#	521-260R
Accuracy	E1xy ≤2.2+L/200(um)
Certificate	CE

Application:

Sinowon IMS-322R is multisensor vision coordinate measuring machine, it not only can measure the linear size, such as: point, line, cycle, arc, angle, rectangular hole, but also can measure the geometrical size, such as: straightness, flatness, circularity, cylindricity, perpendicularity, parallelism, angularity, concentricity, symmetry, position, profile, surface In the workshop and laboratory, most of measurement job can be done by multisensor measuring machine, it is widely applied to measure the dimension of Hardware, Mold, Machining, Precision Manufacturing, Automotive Parts, Stampings, Aerospace Components, Plastic & Rubber Products, Mobile Phone Industry, PCB Boards, Electronic Components, Semiconductor Components, Flat Glass (Touch Panels & LCD Panels), Medical Devices , tools and other fields, etc..

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089-788-5199
084-8744-883

SINOWON® Vision Measuring Machine

Product Features:

- High precision marble base and pillar, to ensure high stability and accuracy;
- High precision linear guide, toothless rod and fast-moving locking device, to ensure hysteresis error is within 2um;
- High accuracy A grade optical linear scale with precision working stage, to ensure the accuracy is within 2.2+L/200um;
- 6.5X Electronic zoom lens and high-resolution digital camera, to ensure clear image without distortion;
- With programmable surface LED Cold Illumination, LED coaxial Cold Illumination, contour LED parallel illumination and built-in intelligent light adjustment, it can automatic control the brightness;
- Powerful function RationalVue Measuring Software, highly enhance the quality control;
- Imported contact probe and powerful function 3D Measuring Software, highly enhance the quality control.

Technical Specification：.

MVA
iMS-322R

Commodity	3D Multi-sensor Vision Measuring Machine
Mode	iMS-322R
Code#	521-260R
Marble Table	458x358mm
Glass Table	356x248mm
X/Y/Z Travel	300x200mm
Z-axis Travel	High-precision linear guide, working travel 200mm
X/Y/Z 3-Axis Linear Scale	High Accuracy A-grade linear scale, Resolution: 0.0005mm
X/Y axis Guidance Mode	High precision linear guide, toothless rod and fast-moving locking device
Base and Pillar	High Accuracy Marble Base and gantry Pillar
3D probe measuring system	Renishaw MCP-K Probe 3D measuring system 100mm calibration block or optional 25mm calibration ball
Accuracy	E1xy ≤2.2+L/200(um)
	E1z ≤4+L/200(um)
Repeatability	2um
Vision Touch Sensor	High Resolution digital camera
	6:5:1 High Resolution Electronic Zoom Lens
	Magnification: 0.7X~4.5X; Video Magnification: 26X~172X
Illumination System (Software Adjustment)	Surface: Stepless adjustable LED Cold Illumination.
	Coaxial: LED Parallel Illumination
	Contour: LED Parallel Illumination
	LED Laser Navigation Light
Measuring Software	RationalVue Measuring Software
Load Capacity	20Kg
Operation System	Support WIN 10, 32/64 operating system
Language	English, Korean, Chinese, Spanish, German, Korean etc.
Power Supply	220V/50Hz; 110V/60Hz
Dimension(WxDxH)	838x667x1000mm
Packing Size(WxDxH)	1080x780x1290mm
Net /Gross Weight	185Kg/275Kg

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