

WEIMI322QA Small gantry image measuring instrument

Small gantry structure, faster, more stable and higher precision
With small gantry structure, the operation is faster, more stable and more accurate, and the positioning accuracy can reach within 0.001mm; Resolution 0.0005mm

RETURN



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Instrument Features

Weimi322QA small gantry automatic image measuring instrument adopts small gantry structure and micron level stable measurement, with faster, more stable and higher precision.

Weimi Measurement - the source manufacturer of OMM image measuring instrument, specializing in the R & D and production of OMM image measuring instrument and non-standard optical measuring equipment, has obtained a number of technical patent certificates, and has completely independent intellectual property rights. The independently developed measurement software and high-quality hardware complement each other. The produced image measuring instrument has strong stability, high precision, simple operation and easy to use, it can greatly improve the detection efficiency.

Choose the Weimi Measurement brand OMM image measuring instrument, which has high cost performance and guaranteed after-sales!



Weimi322QA small gantry automatic image measuring instrument quality characteristics:

- small gantry structure, faster, more stable and higher precision;
- high precision marble base and column ensure high stability and rigidity;
- Taiwan high precision linear guide rail and grinding grade ball screw;
- Panasonic full closed loop servo motor imported from Japan, with adjustable speed and positioning accuracy up to 0.001mm;
- high precision non-contact grating ruler imported from Germany, with a resolution of 0.0005mm;
- navitar full-automatic zoom lens imported from the United States. There is no need to take a scale to change the magnification, which can effectively save the correction time and avoid human errors;
- optional British Renishaw contact probe;
- customized lifting headlights, clearer product outline display and more accurate grasping;
- applicable to: PCB, LCD, TFT, mobile phone glass, LCD TV, auto parts, precision hardware and other industries.

Model Parameters

Model		WEIMI322QA
Overall dimension L*W*H（mm）		950*520*1700
Measuring range（mm）	X	200
	Y	300
	Z	200
Workbench（mm）	Worktable	480*360
	Glass size	360*260
	Bearing(kg)	35 (Customizable)
Total weight（kg）		300
Image measurement and CCD		weimi20 1/3 inch Color high resolution camera 520TV line（Optional）
Measurement system	Zoom objective	Navitar fully automatic zoom lens imported from the United States
	Video magnification	30-225X
	Object field of view	10.6-1.6mm
	Working distance	90mm
Linear accuracy（um）		X/Y accuracy ±2.2+L/200 Z accuracy ±4+L/50("L" Refers to the length of the measured object, unit:mm)
Repetition accuracy（mm）		±0.003
Positioning accuracy（mm）		0.001
Lighting		Equipped with coaxial light / LED surface light and lower light source, the brightness is adjustable
Temperature and humidity		Temperature range: 15-30℃, Relative temperatures: 20-80%（Non-condensing）
Power Supply		220V±10%（AC）50HZ
Machine power（w）		1100