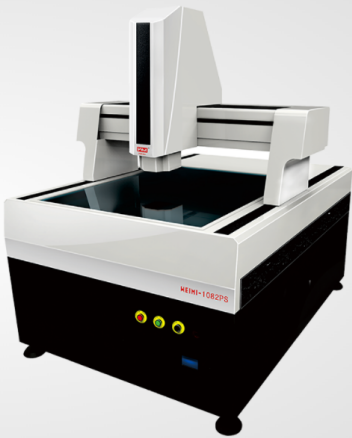


WEIMI1082PS gantry type image measuring instrument

Developed for precision measurement of large-size workpieces
Batch accurate measurement to improve detection efficiency

RETURN



Instrument Features

WEIMI1082QS gantry image measuring instrument and high-precision large stroke image measuring instrument are developed for precise measurement of large-size workpieces such as LCD panel, large-scale sheet metal parts, die-cutting products, PCB board, TFT, stamping parts, plastic parts, film and so on. They have accurate positioning, accurate measurement, fast and stable operation, and can quickly carry out high-precision dimensional measurement of large-scale and large-scale precision products.

Weimi Measurement is mainly engaged in full-automatic image measuring instrument, semi-automatic image measuring instrument, gantry image measuring instrument, one button rapid measuring instrument, linewidth measuring instrument, laser flatness measuring instrument, glass full inspection machine, metallographic microscope and other image measuring equipment. It is a professional R & D manufacturer, has completely independent intellectual property rights, has obtained a number of R & D patents, and has a complete range of equipment types, Reliable strength!

WEIMI1082QS gantry image measuring instrument adopts high-precision marble base and column, Taiwan high-precision linear guide rail and grinding grade ball screw, delta full closed loop servo motor, which has high stability and rigidity. With the powerful measurement software independently developed by Weimi Measurement, it has the advantages of simple operation, clear highlight, accurate measurement and diversified data output, which greatly shortens the measurement time of large-size workpieces and improves the measurement accuracy.

- high precision non-contact grating ruler imported from Germany, with a resolution of 0.001mm
- weimidd fully automatic zoom lens, changing magnification does not need to take scale, which can save correction time and avoid human error
- optional British Renishaw contact probe
- optional precision spot laser / line laser

Model Parameters

Model		WEIMI1082PS
Overall dimension L*W*H（mm）		1885*1425*1750
Measuring range（mm）	X	800
	Y	1000
	Z	200
Workbench（mm）	Worktable	1100*960
	Glass size	1060*860
	Bearing(kg)	50
Total weight（kg）		2500
Image measurement and CCD		weimi20 1/3 inch Color high resolution camera 520TV line（Optional）
Measurement system	Zoom objective	0.7-4.5X
	Video magnification	30-225X
	Object field of view	10.6-1.6mm
	Working distance	90mm
Linear accuracy（um）		X/Y accuracy ±3+L/200 Z accuracy ±5+L/50("L" Refers to the length of the measured object, unit:mm)
Repetition accuracy（mm）		±0.003
Positioning accuracy（mm）		0.001
Lighting		LED Surface light and lower light source, brightness adjustable
Temperature and humidity		Temperature range: 15-30°C, Relative temperature: 20-80%（Non-condensing）
Power Supply		220V±10%（AC）50HZ
Machine power（w）		2000