

JAMES PRECISION

JPE Series CNC Vision Measurement Machine

Features

- _The most compact design CNC Vision Measurement Machine
- _The economical Universal Vision Measuring Solution
- _High adaptability to multiple measuring sensors
- _Flexible application scenario
- _Outstanding Imaging system
- _Powerful Measuring Software



Simple & Stable

We carry the philosophy of simple and stable in the designing process of the JPE series through to the end. We eliminate the unnecessary mechanical parts, integrate all the electronics inside the mechanical structure, optimize the wiring, to ensure the machine stability and easy maintenance.

Economical vision measuring solution

The simple and integrated design allow us to build the machine with lower cost, in the mean time keep the high measuring accuracy and best performance. Users are able to enjoy the advantage of high efficiency and labor cost saving from a full CNC vision measurement machine with very low price.

High adaptability to multiple measuring sensors

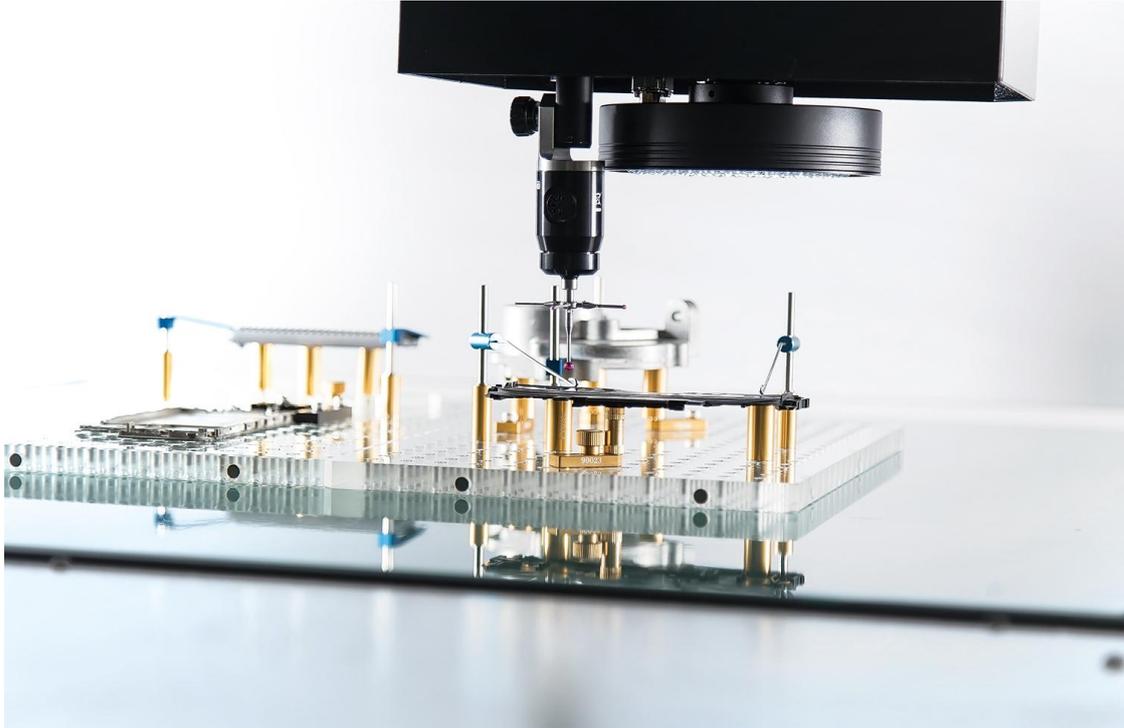
The JPE series support multiple measuring sensors solution. Touch probe, laser sensor and white light sensor are all compatible. Which allows much wider application range for different measuring requirement.

Flexible application scenario

Thanks to the optimize design, powerful software function and great second development potential, the JPE series can be applied for different industries and in different scenario.



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Parameters

Item	JPE-300	JPE-400
Dimension(mm)(L*W*H)	850*650*1060	1000*800*1080
Measuring Range(mm)(X*Y*Z)	300*200*200	400*300*200
Accuracy(um)	3+L/200	3+L/200
Repeatability(um)	3	3
Weight(kg)	120	150
Image and Measuring	CCD	Industrial grade analog CCD camera and SV2000E video card
	Lens	Manual dented zoom lens 0.7-4.5X / 0.7-4.5X manual zoom lens with signal feedback (Optional) / Auto zoom lens (Optional)
	Magnification	18-188X (Different combination of camera and lens leads to different magnification range)
	FOV	8.1-1.3mm (Different combination of camera and lens leads to different FOV range)
	Working Distance	108mm
Linear scales resolution	0.0005mm	
Illumination	Programmable 3 rings, 8 sections surface ring light, programmable parallel contour light	