

## JVE & JVP Series

### Video Measuring Systems

It can be effectively test profile, surface shape, angle and location of various complex work pieces, especially in microscopic test and quality control of precision part. The **JVE & JVP SYSTEMS** are widely used in electronics, measuring instrument, cutter, precision machine element, precision hardware, electronic component, rubber and finished rubber product, semiconductor component, the punching piece, mould producing, cars, machine manufacturing, military industry, space industry, universities, institutions etc, and in different measuring departments and inspecting in factories.



#### product features

- very stable precise granite base and column
- CCD image processing technology
- transmission and reflection illuminating lamps use LED with high intensity, long life, and small volume. Light from bottom and surface can be modulated
- torktable provide with big measuring range, with high precision accuracy
- suitable for different work piece for its rapidly changing magnification of its image by a continuous change of its objective
- JVE Series are economical 2D systems equipped with OVMLite Software
- JVP series are 3D systems equipped with OVM Software



Model Number	JVE250	JVE300	JVP250	JVP300
X.Y.Z. axis travel (mm)	250x150x200	300x200x200	250x150x200	300x200x200
Overall size (including base)	800x500x1650 (mm)		800x500x1650 (mm)	
Loading weight of worktable	30 Kg		30 Kg	
Operating Mode	Manual		Manual	
Magnification	Optics 0.7X - X4.5X Image 28X - 180X		Optics 0.7X - X4.5X Image 28X - 180X	
X.Y axis resolution	1µm (3+L/200)µm		1µm (3+L/200)µm	
X.Y accuracy	2µm		2µm	
Repeatability accuracy	Temp 20-50°C		Temp 20-50°C	
Working environment	Humidity 50%-60%		Humidity 50%-60%	
CCD	XinTian (0.41 MPixel) SONY CCD sensor		XinTian (0.41 MPixel) SONY CCD sensor	

## JVL Series

### Video Measuring Systems

The **JVL VIDEO MEASURING SYSTEMS** can effectively test the profile, surface shape, size, angle and position of various complex work pieces. This machine is suitable for the fields pf products development, converse engineering, quality inspection etc, such as water parts, electronic connector assembly, hardware punching pieces and circuit boards.

#### product features

- the OVMLite software is easy to learn and use
- very stable precise granite base and column
- contour and surface illumination adopt LED with the strong-points of high instesity, long service life and small volume
- the X,Y axis adopt slider block and guide structure to reduce the measurement error
- suitable for different work piece for its rapidly changing magnification of its image by a continuous change of its objective

Model Number	JVL250	JVL300
X.Y.Z. axis travel (mm)	250x150x200	300x200x200
Overall size (including base)	1000x650x1650 (mm)	
Loading weight of worktable	30 Kg	
Operating Mode	Manual	Manual
Magnification	Optics 0.7X - X4.5X Image 28X - 180X	Optics 0.7X - X4.5X Image 28X - 180X
X.Y axis resolution	±2µm (3+L/200)µm	±2µm (3+L/200)µm
X.Y accuracy	2µm	2µm
Repeatability accuracy	Temp 20-50°C	Temp 20-50°C
Working environment	Humidity 50%-60%	Humidity 50%-60%
CCD	XinTian (0.41 MPixel) SONY CCD sensor	XinTian (0.41 MPixel) SONY CCD sensor

