



"OPTRONICS" CNC VIDEO MEASURING MACHINE MODEL: V-3020C

Brand: Optronics

Category: CNC Video Measuring Machine

Video Measuring Machine

Model: V-3020C

Measuring Range:

X=300mm Y=200mm Z=200mm

(X, Y & Z are motorized)

Purpose And Functions of Video Measuring Machine

Video Measuring Machine is mainly used for precision measurement of various parts geometry, measurement accuracy to reach micron level. Suitable for metal plastic, mold, watches, PCB and other industries. Video measuring measurement software. Can be of various geometries of parts for accurate measurement, include lines, triangles, rectangles, circles, ellipses, and other geometrical shapes and sizes. Can measure various parts of the geometric tolerance, including straightness, parallelism, perpendicularity, roundness, arc, tilt, position degree.

Features of Video Measuring Machine:

- Solid and rugged structures of video measuring machine base and column, made by granite.
- Joystick for axes and speed control with emergency button.
- With Coaxial Light.
- Fully automatic inspection after first time programming for all X, Y, Z axis, including Light intensity control.
- Easiest and most user-friendly software, complete with powerful algorithms for most calculations.

Model		V-3020C
Measuring Range	X-axis travel (mm)	300
	Y-axis travel (mm)	200
	Z-axis travel (mm)	200
	Measuring accuracy (μm)	2.5+L/200
XYZ Resolution	0.5μm	
Load Capability	15kg	
Dimension	(L) x (W) x (H) (mm)	800 x 590 x 1620
Camera	High Performance Ethernet Color CCD Camera (Made in Germany)	
Motorized Zoom Lens	0.7X ~ 4.5X	
Magnification	39X ~ 232X	
Lens Working Distance	92mm	
Object View (mm)	10mm ~ 1.7mm	
Surface Illumination	8 section Programmable LED Ring Light	
Power	AC 100 ~ 240V ; 50/60Hz	
Measuring Software	RationalVue	
Joystick	Standard	
Machine Weight	240kg	
Package Included	Machine Table, Application Training, Windows 10 Professional (with 27" LED monitor) (exclusive of Microsoft Office software)	