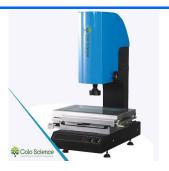
## MVM3020 - Basic Manual Video Microscope Measuring System

# Product Details Product Number PRO6436



### **Technical Specification:**

#### . Usage

MVM3020 Series is the basic type manual Video Measuring System developed by COLO. Sciencec It has been widely used in machinery, electronics, aerospace, automotive, military, mold, and other industries for precision measurement.

#### II. Features

- 1. It adopts TEO™ 1 / 3" color CCD camera, the cross-line generator is the measuring aiming system.
- 2. Digital measurement and data processing system are made up by the two coordinate's studio, the optical grating and the SDK series data card.
- 3. It has RS-232 interface with a computer and specialized measurement software which can also processes and output circular mapping. Measurement data can be directly transformed into AutoCAD file and become a full work circle; the data also can be entered in Excel and Word to conduct statistical analysis.

Model		MVM-2010	MVM-3020	MVM-4030	MVM-5040
Worktable	Metal Table Size(mm)	404*228	500*330	606*466	706*606
	Glass Table Size(mm)	260*160	350*280	450*350	550*450
	XY Stroke(mm)	200*100	300*200	400*300	500*400
Weight(kg)		180	260	315	500
Dimension(L*W*H, mm)		556*540*860	670*660*950	720*950*1020	800*1040*1020

	Camera :1 / 3" Color CCD Camera			
Measuring Targeting System	Zoom Lens: professional optical lens, magnification :0.7~4.5X WD:92mm			
(Standard Accessories)	Video Magnification:30~190X			
	Scale Resolution:0.5/0.1µm			
Z Stroke (mm)	150mm			
Accuracy E1*	Ex, y ≤ (3.0+L/200) µm			
Accuracy E2*	Exy ≤ (4.0+L/200) μm			
Illumination	Surface light and transmission light adopt LED, brightness adjustable			
Power	110/220V(AC), 50/60HZ 30W			

Accessories: