



## Basic Manual Video Measuring System YF Series



### I. Usage

YF Series is the basic type manual Video Measuring System developed by Yihui. It has been widely used in machinery, electronics, aerospace, automotive, military, mould, 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.
4. Grade 00 JINANQING granite base and column, high stability.

Model		YF-2010	YF-3020	YF-4030	YF-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
Measuring Targeting System (Standard Accessories)		Camera :1 / 3" Color CCD Camera			
		Zoom Lens: professional optical lens, magnification :0.7~4.5X WD:92mm			
		Video Magnification:30~190X Object view:7~1.1mm			
		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			