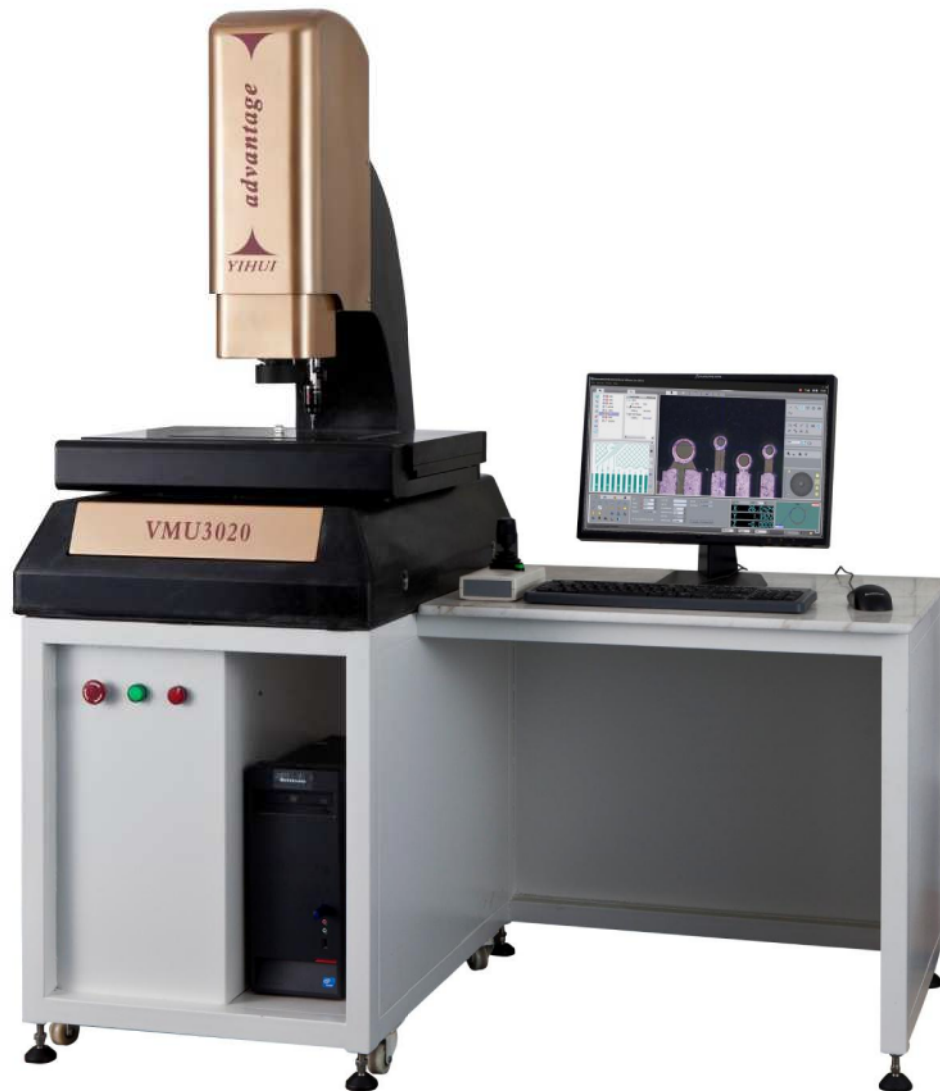




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Ultra-high precision 3D Full Auto Video Measuring Machine



Product Description

VMU Series is a ultra-high precision 2D+3D combined full automatic video measuring machine. Full granite body make it so cool. Full automatic measuring machine to adopt full closed loop servo control system make it easy to measure more complex workpiece.



Product Feature

1. it Adopt Germany SB double closed-loop motion control, motor with precise positioning performance in high-speed movement.
2. Using Japan COOMUSK servo control motor, not only increasing motor speed, but also simplifies the instrument and the PC-interface, PC machines and instruments through the USB line and S-Video cable to connect.
3. Surface light formed by 40 groups independent light source, each group is constant current source driver and 200-step continuous variable.
4. RationalVue software has greatly enhanced the efficiency measurement.

Technical Parameters

Model		VMU3020	VMU4030	VMU5030
Worktable	Work table's size(mm)	600*390	700*490	800*490
	Glass table's size(mm)	350*250	450*350	550*350
	X,Y-axis Stroke (mm)	300*200	400*300	500*300
	Z-axis Stroke (mm)	200(Focus)	200(Focus)	200(Focus)
	X.Y.Z-axis digital display resolution	0.5um	0.5um	0.5um
	X.Y coordinates indication error	$\leq (1.5+L/200)$ L is the measured length,		
	Instrument Weight (kg)	440	560	580
	Dimension (mm)	1400*900*1780	1600*1120*1780	1600*1120*1780
Motor	Three-axis velocity	X、 Y : 400mm/s Z :200mm/s		
	Three-axis positioning accuracy	0.001mm		
Imaging System	Camera	TEO Color 1 / 2 "CCD Camera		



	Zoom lens	automatic zoom lens			
	Zoom lens magnification	0.7-4.5X			
	Video Total magnification	20-128X			
	Object field	11.1-1.7mm			
	Power	AC220V/AC110V			
	Power consumption	800W			
Instrument Accessories	1X Tube (standard)		0.5X Tube (optional)		WD
Zoom lens	0.7-4.5X		0.7-4.5X		
Add lens	Video magnification	Object field	Video magnification	Object field	
0.5X(optional)	10X-64X	22-3.4	5X-32X	44-6.8	
1.0X(standard)	20X-128X	11.1-1.7X	10X-64X	22-3.4	
2.0X(optional)	40X-256X	5.5-0.9	20X-128X	11.1-1.7	36

Applied Fields

Mobile fittings, home appliances, connector, machine fittings, precision fixture, plastic, hardware, circumjacent fields of computer and so on.