

## Fully Auto Video Measuring System



### Characteristics:

Precision guide and screw, double close-loop servo motor to ensure the high measure speed, accuracy and stability;

Adjustable 48-division Ring LED illumination controlled by software and with memory function;

Advanced 6.5X motorized coaxial zoom lens and 1/2" color high resolution CCD camera;

3-axis high-accuracy GSI or Renishaw 0.5um linear scale;

CCD navigation system, for quickly locate the measurement position of sample and improve the measurement speed;

Powerful fully-auto QM4.1 measuring software, edit/save/input the program and then auto running.

### Specification:

2.5D Model		iVideo-E61	iVideo-E62	iVideo-E63
3D Model		iVideo-E61T	iVideo-E62T	iVideo-E63T
X,Y-axis Travel		300x200mm	400x300mm	500x400mm
Z-axis Travel		200mm		
X/Y/Z Linear Scale(2.5D)		Resolution:0.0005mm		
Accuracy		X/Y-axis:≤3+L/200(um); Z-axis:≤4+L/200(um)		
Repeatability		±2um		
Video System		1/2" color CCD camera		
Illumination	Contour	Adjustable 256-grade LED Cold illumination		
	Surface	Adjustable 256-grades 6-Ring & 48-Division LED Cold illumination		
3D Measurement		3D Module and UK Renishaw MCP-K2 Touch Probe		
Measuring Software		Quick Measuring 4.1/4.2		
Max.load Capacity		35Kg	30 Kg	25 Kg
Dimension		860x740x1760	1060x740x1760	1160x940x1760
Net Weight		250Kg	300Kg	360Kg

### Standard Delivery:

Measuring Software	CCD Camera	Motorized Coaxial Zoom	100mm Length Block
Calibration Block	DH Capture Card	48 –Division LED	Renishaw Probe
Movement Control	Scale Transfer U3	CCD Navigation	Working Cupboard
Linear Scale	Operation Joystick	PC System	

### Optional Accessories:

Renishaw MCP-K1 Probe(3D)	0.5X Auxiliary Objective	2X Auxiliary Objective
Renishaw MCP-K1 Probe(3D)	12.5X Motorized Zoom Lens	Laser Measuring System