

HORIZONTAL PROFILE PROJECTOR

Screen diameter: 300mm

X-Z travel: 200x100mm



ISP-W3020



ISP-A3000E

OPTIONAL ACCESSORY



lens



overlay chart (protractor with 1° graduation, radius with 1mm increment)



50mm reading scale (check magnification accuracy)



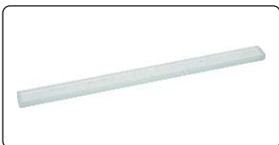
demo sample



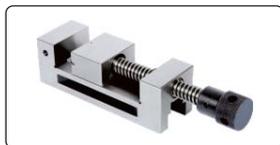
V-block with clamp



rotary table



300mm calibration scale (check magnification accuracy together with 50mm reading scale or calibrate measuring accuracy)



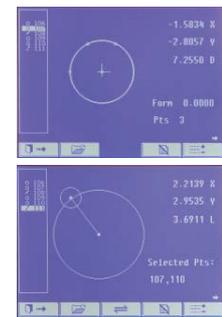
vise



printer (only for ISP-A3000E)

digital readout of ISP-A3000E

- touch buttons
- USB data output to Excel and CAD
- show diagram directly



To be continued

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SPECIFICATION

Code		ISP-W3020*		ISP-A3000E*		
Edge detector		not included		included		
Lens	magnification	10X (included)	20X (optional)	50X (optional)	100X (optional)	
	view field	Ø30mm	Ø15mm	Ø6mm	Ø3mm	
	working distance	77.7mm	44.3mm	38.4mm	25.3mm	
Magnification accuracy		±0.08%				
Projector screen		diameter: Ø300mm				
		rotation range: 0°~360°, resolution: 1' or 0.01°				
		reference lines: cross-hairs				
Stage	metal stage size	400×150mm				
	turning range	±15°				
	X-Z stage travel	range: 200×100mm				
		resolution: 0.5µm accuracy: (4+L/25)µm L is the measuring length in mm				
	Y (focus) travel range	75mm				
max. load capacity	50kg					
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 12V/150W halogen lamp(with 2 fibers), position is adjustable				
Data processing unit	display	X-Z stage travel, screen rotation				
	output	RS232C		RS232C, USB (data output to Excel and CAD)		
	function		measure coordinate of point		 measure coordinate of point	
			measure coordinate of line		 measure coordinate of line	
			measure center coordinate, radius of circle with three points		 measure center coordinate, radius of circle with three points	
		measure distance between two objects		 measure distance between two objects		
		measure angle with four points or two lines		 measure angle with four points or two lines		
		set origin of coordinate		 coordinate transform		
		coordinate transform		 choose measurement object automatically according to the selective point and display the result		
	set midpoint of coordinate					
advanced function		—		Programming for batch measurements		
Power supply		110/220V, 50/60Hz				
Dimension (L×W×H)		1090×830×1010mm				
Weight		160kg				

STANDARD DELIVERY

Main unit	1pc
10X lens	1pc
Overlay chart clip	4pcs
Foot-switch	1pc
Anti-dust cover	1pc
USB cable and software (only for ISP-A3000E)	1pc

OPTIONAL ACCESSORY

20X lens	ISP-A3000-LENS20X
50X lens	ISP-A3000-LENS50X
100X lens	ISP-A3000-LENS100X
Overlay chart	ISP-A3000-CHART
50mm reading scale	ISP-A3000-SCALE50
300mm calibration scale	ISP-A3000-RULE

Demo sample	ISP-A3000-DEMO
V-block with clamp	ISP-A1000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vice	ISP-A3000-VISE
Printer (only for ISP-A3000E)	ISP-A3000-PRINTER

* Supplied with manufacturer inspection certificate