

HORIZONTAL PROFILE PROJECTORS



ISP-W4025


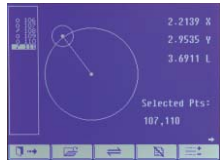


ISP-A7000E



digital readout of ISP-A7000E

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



software CD (included, only for ISP-A7000E)

OPTIONAL ACCESSORY



lens



vise



rotary table



demo sample (need rotary table)



printer (only for ISP-A7000E)



50mm reading scale (check magnification accuracy)

















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



Ø300mm overlay chart (protractor with 1° graduation, radius with 1mm increment)

SPECIFICATION

Code		ISP-W4025	ISP-A7000E		
Edge detector		not included	included		
Lens	magnification	5X (optional) 10X (standard) 20X (optional) 50X (optional) 100X (optional)			
	view field	Ø80mm Ø40mm Ø20mm Ø8mm Ø4mm			
	working distance	93.7mm 103.9mm 95.1mm 65.7mm 35mm			
Magnification accuracy		±0.08%			
Image		erect image			
Projector screen		diameter: Ø400mm			
		rotation range: 0°~360°, resolution: 1' or 0.01°			
		reference lines: cross-hairs			
Stage	metal stage size	450×200mm			
	turning range	±15°			
	X-Z stage travel	range: 250×150mm			
		resolution: 0.5µm			
	Y (focus) travel range	accuracy: (4+L/25)µm L is the measuring length in mm			
max. load capacity	100mm				
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	
advanced function	—	programming for batch measurements			
Power supply		110/220V, 50/60Hz			
Dimension (L×W×H)		1215×646×1210mm			
Weight		240kg			

STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc
Software (only for ISP-A7000E) and USB cable	1 pc

OPTIONAL ACCESSORY

5X lens	ISP-W4025-LENS5X
20X lens	ISP-W4025-LENS20X
50X lens	ISP-W4025-LENS50X
100X lens	ISP-W4025-LENS100X
Ø300mm 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-A3000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vice	ISP-A3000-VISE
Printer (only for ISP-A7000E)	ISP-A3000-PRINTER