

HORIZONTAL PROFILE PROJECTORS



ISP-W4025



ISP-A7000E

digital readout of **ISP-A7000E**

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

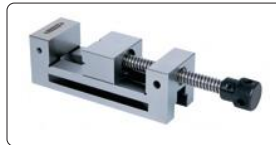


software flash disk
(included, only for **ISP-A7000E**)

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)

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°		rotation range: 0°~360°, resolution: 1" or 0.05°		
		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: (3.5+L/50)µm L is the measuring length in mm				
max. load capacity	100mm					
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 21V/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)		
	function	 measure coordinate of point	 measure coordinate of line		 measure coordinate of point	
		 measure center coordinate, radius of circle with three points	 measure distance between two objects		 measure coordinate of line	
 measure angle with four points or two lines		 set origin of coordinate		 measure center coordinate, radius of circle with three points		
 coordinate transform		 set midpoint of coordinate		 measure distance between two objects		
				 measure angle with four points or two lines		
				 coordinate transform		
				 choose measurement object automatically according to the selective point and display the result		
advanced function		—		programming for batch measurements		
Power supply		220V, 50/60Hz				
Dimension (L×W×H)		646×1215×1210mm				
Net 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-A7000-LENS5X
20X lens	ISP-A7000-LENS20X
50X lens	ISP-A7000-LENS50X
100X lens	ISP-A7000-LENS100X
300mm calibration scale	ISP-A1000-RULE
50mm reading scale	ISP-A1000-SCALE50

Swivel center support (for ISP-A7000E/ISP-W4025)	ISP-A3000-SUPPORT
Demo sample	ISP-A1000-DEMO
V-block with clamp	ISP-A3000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vise	ISP-A3000-VISE
Printer (only for ISP-A7000E)	ISP-A1000-PRINTER