HORIZONTAL PROFILE PROJECTORS

INSPECTION CERTIFICATE

VIDEO



ISP-W4025



ISP-A7000E

digital readout of **ISP-A7000E**

- touch buttons
- USB data output to Excel and CAD
- 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°				
		reference lines: cross-hairs				
Stage	**metal stage size**	450×200mm				
	turning range	±15°				
	X-Z stage travel	range: 250×150mm				
		resolution: 0.5μm				
		accuracy: (4+L/25)μm L is the measuring length in mm				
	Y (focus) travel range	100mm				
	max. load capacity	50kg				
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 24V/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 line measure center coordinate, radius of circle with three points measure distance between two objects measure angle with four points or two lines set origin of coordinate coordinate transform set midpoint of coordinate			measure coordinate of point measure coordinate of line measure center coordinate, radius of circle with three points 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		110/220V, 50/60Hz				
Dimension (L×W×H)		646×1215×1210mm				
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-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-A3000-PRINTER**