HORIZONTAL PROFILE PROJECTOR

Screen diameter: 400mm

X-Z travel: 250x150mm





edge detector

edge detector

ISP-A7000E

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digital readout of ISP-A7000E

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





OPTIONAL ACCESSORY



lens



demo sample (need rotary table)



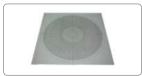
300mm calibration scale (check magnification accuracy together with 50mm reading scale or calibrate measuring accuracy)



V-block with clamp



vise



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



rotary table



printer (only for ISP-A7000E)



50mm reading scale (check magnification accuracy)

Continued from previous page

SPECIFICATION

Code		ISP-W4025			ISP-A7000E			
Edge detector		not included			included			
Lens	magnification	5X (optional)	10X (standard)	20X (option	nal)	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°						
		range: 250×150mm						
	X-Z stage travel	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: 12V/150W halogen lamp(with 2 fibers), position is adjustable						
	display	X-Z stage travel, screen rotation						
	output	RS232C			RS232C, USB(data output to Excel and CAD)			
Data processing unit	function	measure coordinate of point			measure coordinate of point			
		measure coordinate of line measure center coordinate,		measure coordinate of line measure center coordinate,				
		radius of circle with three points		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				
		1/2 set midpo	oint of coordinate		point and display the result			
		_	_		Programming for batch measurements			
Powersupply		110/220V, 50/60	110/220V, 50/60Hz					
Dimension (L×W×H)		1215×646×1210mm						
Weight		240kg						

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-A7000E)	1pc

OPTIONAL ACCESSORY

ISP-W4025-LENS5X			
ISP-W4025-LENS20X			
ISP-W4025-LENS50X			
ISP-W4025-LENS100X			
ISP-A3000-CHART			
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-A7000E)	ISP-A3000-PRINTER		