

THE STAGE DOESN'T
MOVE UP AND DOWN



HIGH PRECISION PROFILE PROJECTORS (WITH EDGE DETECTOR)



digital readout

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



software flash disk
(included)

Adjust the focus by ascending and descending the projector head, the stage doesn't move up and down
Maximum workpiece weight 66lb

ISP-A5000E

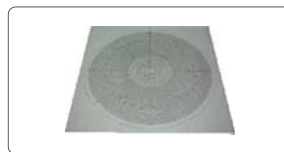
OPTIONAL ACCESSORY



lens



rotary table
(glass plate diameter 3.94")



11.81" DIA/Ø300mm overlay chart
(protractor with 1° graduation,
radius with .039"/1mm increment)



holder with clamp



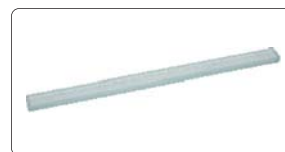
swivel center support



V-block with clamp



1.97"/50mm reading scale
(check magnification accuracy)



11.81"/300mm calibration scale
(check magnification accuracy
together with 1.97"/50mm
reading scale or calibrate
measuring accuracy)










demo sample



printer

SPECIFICATION

Part No.		ISP-A4500E	ISP-A5000E	ISP-A5001E	ISP-A5002E	ISP-A5003E
Edge detector		included				
Lens	magnification	10X (included)	20X (optional)	50X (optional)	100X (optional)	
	view field	1.18" DIA	.59" DIA	.24" DIA	.12" DIA	
	working distance	3.06"	1.74"	1.51"	1.00"	
Max. workpiece height		3.54"	3.54"	3.54"	3.54"	
Magnification accuracy		±0.08%				
Image		erect image				
Projector screen		diameter: 12" DIA				
		rotation range: 0°~360°, resolution: 1" or 0.01°				
		reference lines: cross-hairs				
Stage	metal stage size	13.94"×8.98"	15.90"×8.98"	17.72"×11.02"	19.68"×12.99"	23.86"×18.35"
	glass stage size	8.26"×6.30"	10.24"×6.30"	12.05"×7.72"	12.64"×8.70"	17.72"×13.78"
	X-Y stage travel range	5.90"×3.94"	7.87"×3.94"	9.84"×5.90"	11.61"×7.68"	15.75"×11.81"
	resolution	00002"				
	accuracy	(118.1+13.3L)μin L is the measuring length in inch				
	Z (focus) travel range	3.94"				
	max. load capacity	66.14lb				
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 24V/150W halogen lamp				
Data processing unit	display	X-Y stage travel, screen rotation				
	output	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  coordinate transform  choose measurement object automatically according to the selective point and display the result				
			programming for batch measurements			
Power supply		110/220V, 50/60Hz				
Dimension (L×W×H)		30.71×30.71×43.31"	30.71×30.71×43.31"	31.89×30.71×44.09"	35.43×30.71×44.09"	40.95×30.71×44.09"
Weight		352lb	352lb	397lb	397lb	551lb

STANDARD DELIVERY

Main unit	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Blue filter	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-A5000-LENS20X	Swivel center support (for ISP-A4500E)	ISP-A4500-SUPPORT
50X lens with half-reflection mirror	ISP-A5000-LENS50X	Swivel center support (for ISP-A5000E/A5001E)	ISP-A5000-SUPPORT
100X lens with half-reflection mirror	ISP-A5000-LENS100X	Overlay chart	ISP-A5000-CHART
Rotary table (for ISP-A4500E/A5000E)	ISP-A5000-TABLE	Holder with clamp	ISP-A5000-VBLOCK
Rotary table (for ISP-A5001E/A5002E)	ISP-A5001-TABLE	50mm reading scale	ISP-A5000-SCALE50
Rotary table (for ISP-A5003E)	ISP-A5003-TABLE	300mm calibration scale	ISP-A5000-RULE
Printer	ISP-A5000-PRINTER	Demo sample	ISP-A5000-DEMO