

PROFILE PROJECTORS

THE STAGE DOESN'T
MOVE UP AND DOWN



ISP-AZ3020



ISP-A5000E



digital readout of ISP-A5000E

- Adjust the focus by ascending and descending the projector head, the stage doesn't move up and down
- Maximum workpiece weight 50kg

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

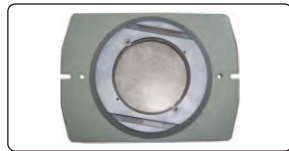


software CD
(included, only for
ISP-A5000E)

OPTIONAL ACCESSORY



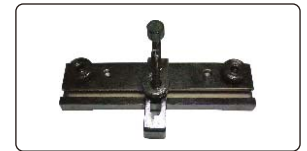
lens



rotary table
(glass plate diameter 100mm)



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



holder with clamp



swivel center support



V-block with clamp



50mm reading scale
(check magnification accuracy)



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


















demo sample



printer (only for ISP-A5000E)

To be continued

SPECIFICATION

Code		ISP-AZ3020	ISP-A5000E
Edge detector		not included	included
Lens	magnification	10X (included) 20X (optional)	50X (optional) 100X (optional)
	view field	Ø30mm Ø15mm	Ø6mm Ø3mm
	working distance	77.7mm 44.3mm	38.4mm 25.3mm
Max. workpiece height		100mm 100mm	100mm 100mm
Magnification accuracy		±0.08%	
Image		erect image	
Projector screen		diameter: Ø300mm	
		rotation range: 0°~360°, resolution: 1" or 0.01°	
		reference lines: cross-hairs	
Stage	metal stage size	404×228mm	
	glass stage size	260×160mm	
	X-Y stage travel	range: 200×100mm	
		resolution: 0.5µm	
	Z (focus) travel range	100mm	
max. load capacity	50kg		
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	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	
 set midpoint of coordinate			
advanced function	—	programming for batch measurements	
Power supply		110/220V, 50/60Hz	
Dimension (L×W×H)		780×780×1100mm	
Weight		160kg	

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
Software (only for ISP-A5000E) and USB cable	1 pc

OPTIONAL ACCESSORY

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-A5000-LENS20X
50X lens with half-reflection mirror	ISP-A5000-LENS50X
100X lens with half-reflection mirror	ISP-A5000-LENS100X
Rotary table	ISP-A5000-TABLE
Overlay chart	ISP-A5000-CHART
Holder with clamp	ISP-A5000-HOLDER
Swivel center support	ISP-A5000-SUPPORT
V-block with clamp	ISP-A5000-VBLOCK
50mm reading scale	ISP-A5000-SCALE50
300mm calibration scale	ISP-A5000-RULE
Demo sample	ISP-A5000-DEMO
Printer (only for ISP-A5000E)	ISP-A5000-PRINTER