

# PROFILE PROJECTOR

Screen diameter: 12"

X-Y travel: 6x2"



ISP-Z3015



edge detector

ISP-A1000E

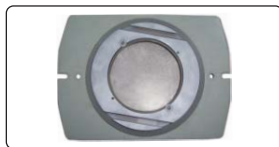
digital readout of ISP-A1000E

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

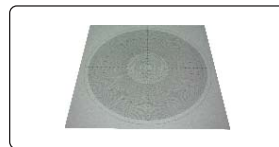
## OPTIONAL ACCESSORY



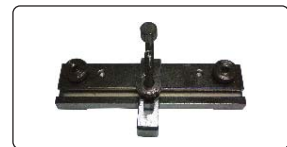
lens



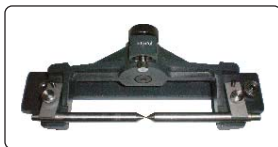
rotary table  
(glass plate diameter 3.94")



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



holder with clamp



swivel center support



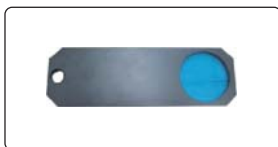
V-block with clamp



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



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



blue filter



demo sample



















printer (only for ISP-A1000E)

To be continued

Continued from previous page

**SPECIFICATION**

Part No.		ISP-Z3015*		ISP-A1000E*		
Edge detector		not included		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	13.39×5.98"				
	glass stage size	7.72×3.78"				
	X-Y stage travel	range: 6×2"				
		resolution: .00002"				
	Z (focus) travel range	accuracy: (157.5+40L)µin L is the measuring length in inch				
max. load capacity	3.54"					
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 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		
 advanced function		—		 measure angle with four points or two lines		
				 coordinate transform		
				 choose measurement object automatically according to the selective point and display the result		
Power supply		110/220V, 50/60Hz				
Dimension (L×W×H)		21.65×30.31×43.31"				
Weight		297lb				

**STANDARD DELIVERY**

Main unit	1pc
10X lens with half-reflection mirror and oblique illuminator mirror	1pc
Overlay chart clip	4pcs
Foot-switch	1pc
Anti-dust cover	1pc
USB cable and software (only for ISP-A1000E)	1pc

**OPTIONAL ACCESSORY**

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-Z3015-LENS20X
50X lens with half-reflection mirror	ISP-Z3015-LENS50X
100X lens with half-reflection mirror	ISP-Z3015-LENS100X
Rotary table	ISP-Z3015-TABLE
Overlay chart	ISP-Z3015-CHART
Holder with clamp	ISP-Z3015-HOLDER

Swivel center support	ISP-Z3015-SUPPORT
V-block with clamp	ISP-Z3015-VBLOCK
50mm/1.97" reading scale	ISP-Z3015-SCALE50
300mm/11.81" calibration scale	ISP-Z3015-RULE
Blue filter	ISP-Z3015-FILTER
Demo sample	ISP-Z3015-DEMO
Printer (only for ISP-A1000E)	ISP-A1000-PRINTER

\* Supplied with manufacturer inspection certificate