

# PROFILE PROJECTOR

Screen diameter: 12"

X-Y travel: 6x2"



ISP-Z3015

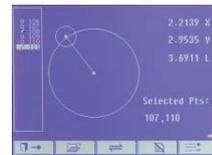
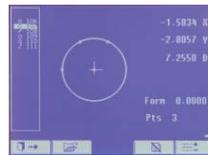


edge detector

ISP-A1000E

digital readout of ISP-A1000E

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



## OPTIONAL ACCESSORY



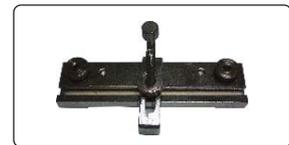
lens



rotary table  
(glass plate diameter 3.94")



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



holder with clamp



swivel center support



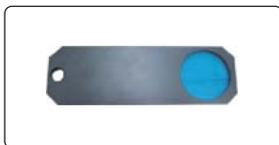
V-block with clamp



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

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**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 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)		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	Swivel center support	ISP-Z3015-SUPPORT
50X lens with half-reflection mirror	ISP-Z3015-LENS50X	V-block with clamp	ISP-Z3015-VBLOCK
100X lens with half-reflection mirror	ISP-Z3015-LENS100X	50mm/1.97" reading scale	ISP-Z3015-SCALE50
Rotary table	ISP-Z3015-TABLE	300mm/11.81" calibration scale	ISP-Z3015-RULE
Overlay chart	ISP-Z3015-CHART	Blue filter	ISP-Z3015-FILTER
Holder with clamp	ISP-Z3015-HOLDER	Demo sample	ISP-Z3015-DEMO
		Printer (only for ISP-A1000E)	ISP-A1000-PRINTER

\* Supplied with manufacturer inspection certificate