

PROFILE PROJECTORS



ISP-Z3015



ISP-A1000E

digital readout of **ISP-A1000E**



VIDEO

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

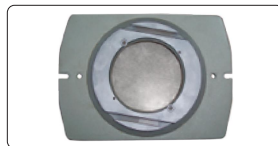


software flash disk
(included, only for **ISP-A1000E**)

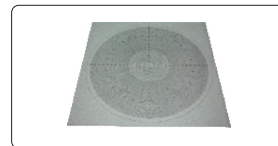
OPTIONAL ACCESSORY



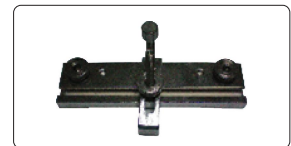
lens



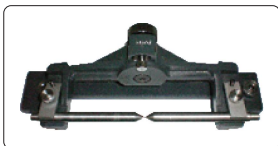
rotary table
(glass plate diameter 3.94")



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



holder with clamp



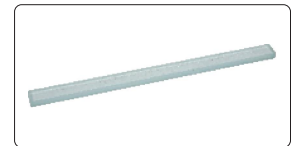
swivel center support



V-block set



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)



green/yellow filter


















demo sample



printer (only for **ISP-A1000E**)

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"			
		accuracy: (157.5+40L)μin L is the measuring length in inch			
	Z (focus) travel range	3.54"			
max. load capacity	8.82lb				
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	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc
Blue filter	1 pc
Software (only for ISP-A1000E) and USB cable	1 pc

OPTIONAL ACCESSORY

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-A1000-LENS20X
50X lens with half-reflection mirror	ISP-A1000-LENS50X
100X lens with half-reflection mirror	ISP-A1000-LENS100X
Rotary table	ISP-A1000-TABLE
Overlay chart	ISP-A1000-CHART
Holder with clamp	ISP-A1000-HOLDER
Swivel center support	ISP-A1000-SUPPORT

V-block set	6896-12
1.97"/50mm reading scale	ISP-A1000-SCALE50
11.81"/300mm calibration scale	ISP-A1000-RULE
Green filter	ISP-A1000-GR-FILTER
Yellow filter	ISP-A1000-YE-FILTER
Demo sample	ISP-A1000-DEMO
Printer (only for ISP-A1000E)	ISP-A1000-PRINTER