PROFILE PROJECTORS

edge detector

ISP-Z3015

ISP-A1000E

digital readout of **ISP-A1000E**

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

-1.5034 X	2.2139 X
-2.8057 Y	2.9535 Y
7.2558 D	3.6911 L
Form 0.0000	
Pts 3	Selected Pts: 107,110

VIDEO

OPTIONAL ACCESSORY

lens
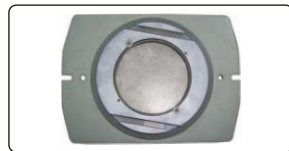
rotary table
(glass plate diameter 3.94")

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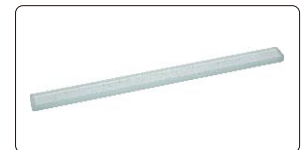radius with 1mm/.039" increment)
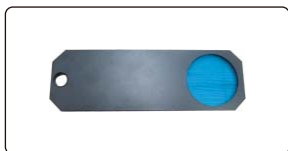
holder with clamp

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**)

SPECIFICATION

Part No.	ISP-Z3015		ISP-A1000E	
Edge detector	not included		included	
Lens — magnification	10X (included)	20X (**optional**)	50X (**optional**)	100X (**optional**)
Lens — view field	1.18" DIA	.59" DIA	.24" DIA	.12" DIA
Lens — 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"			
Stage — glass stage size	7.72"×3.78"			
Stage — X-Y stage travel	range: 6×2"			
	resolution: .00002"			
	accuracy: (157.5+40L)μin L is the measuring length in inch			
Stage — Z (focus) travel range	3.54"			
Stage — 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			
Data processing unit — output	RS232C		RS232C, USB (data output to Excel and CAD)	
Data processing unit — 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			
Data processing unit — 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
Software (only for ISP-A1000E) and USB cable	1 pc

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 reading scale**	ISP-Z3015-SCALE50
Rotary table	ISP-Z3015-TABLE	**300mm 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