

PROFILE PROJECTORS



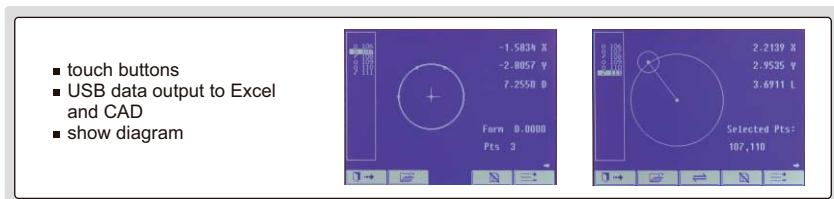
ISP-Z3015



ISP-A1000E



digital readout of ISP-A1000E



software CD
(included, only for
ISP-A1000E)

OPTIONAL ACCESSORY



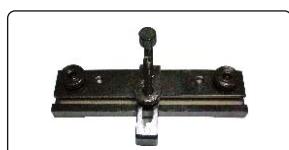
lens



rotary table
(glass plate diameter 100mm)



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



holder with clamp



swivel center support



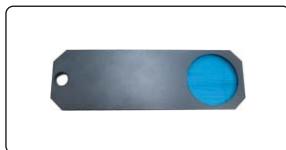
V-block with clamp



50mm reading scale
(check magnification accuracy)



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



blue filter



demo sample



printer (only for ISP-A1000E)

To be continued

SPECIFICATION

Code	ISP-Z3015	ISP-A1000E	
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	90mm	90mm 90mm 90mm	
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	340×152mm	
	glass stage size	196×96mm	
	X-Y stage travel	range: 150×50mm resolution: 0.5μm accuracy: (4+L/25)μm L is the measuring length in mm	
	Z (focus) travel range	90mm	
	max. load capacity	4kg	
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 center coordinate, radius of circle with three points  measure distance between two objects  measure angle with four points or two lines  set origin of coordinate  coordinate transform  set midpoint of coordinate	 measure coordinate of point  measure coordinate of line  measure center coordinate, radius of circle with three points  measure distance between two objects  measure angle with four points or two lines  coordinate transform  choose measurement object automatically according to the selective point and display the result
	advanced function	—	programming for batch measurements
Power supply		110/220V, 50/60Hz	
Dimension (L×W×H)		550×770×1100mm	
Weight		135kg	

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