PROFILE PROJECTOR

edge detector

ISP-Z3015

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 100mm)

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

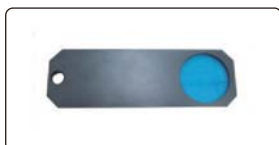holder with clamp

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 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)	550×770×1100mm
Weight	135kg

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-reflectionmirror 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