PROFILE PROJECTORS















digital readout of ISP-A1000E

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







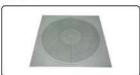
software CD (included, only for ISP-A1000E)





rotary table (glass plate diameter 100mm)

V-block with clamp



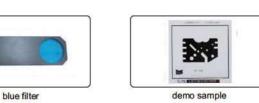
overlay chart (protractor with 1° graduation, radius with 1mm increment)



holder with clamp



swivel center support



demo sample



50mm reading scale (check magnification accuracy)



printer (only for ISP-A1000E)



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

To be continued



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SPECIFICATION

Code		ISP-Z3015		ISP-A1000E		
Edge detector		not included		included		
	magnification	10X (included) 2	20X (optional)	50X (optional)	100X (optional)	
Lens	view field	Ø30mm (Ø15mm	Ø6mm	Ø3mm	
	working distance	77.7mm 4	14.3mm	38.4mm	25.3mm	
Max. workpie	ce height	90mm 9	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				
u u	metal stage size	340×152mm				
	glass stage size	196×96mm				
		range: 150×50mm				
Stage	X-Y stage travel	resolution: 0.5µm				
		accuracy: (4+L/25)µm L is the measuring length in mm				
	Z (focus) travel range	90mm				
	max. load capacity	4kg				
Haldsheider Websheiter Drobet, wheelested 2		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
Illumination		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 CAI		
	function	measure coordinate measure coordinate measure center coordinate measure center coordinate measure distance b two objects measure angle with points or two lines set origin of coordin coordinate transform set midpoint of coordinate set midpoint of coordinate	e of line ordinate, three points eetween four	measun radius of measun two objection or two life coordinates of the c	e angle with four points	
	advanced function	n—≥		programming for	or 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	
50X lens with half-reflection mirror	ISP-Z3015-LENS50X	
100X lens with half-reflection mirror	ISP-Z3015-LENS100X	
Rotary table	ISP-Z3015-TABLE	
Overlay chart	ISP-Z3015-CHART	
Holder with clamp	ISP-Z3015-HOLDER	

Swivel center support	ISP-Z3015-SUPPORT		
V-block with clamp	ISP-Z3015-VBLOCK		
50mm reading scale	ISP-Z3015-SCALE50		
300mm calibration scale	ISP-Z3015-RULE		
Blue filter	ISP-Z3015-FILTER		
Demo sample	ISP-Z3015-DEMO		
Printer (only for ISP-A1000E)	ISP-A1000-PRINTER		