

HORIZONTAL PROFILE PROJECTORS



ISP-W3020



ISP-A3000E

digital readout of **ISP-A3000E**

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



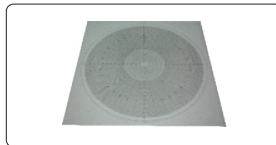



software flash disk (included, only for **ISP-A3000E**)

OPTIONAL ACCESSORY



lens



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



50mm reading scale (check magnification accuracy)



demo sample



vise



rotary table



















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



printer (only for **ISP-A3000E**)

SPECIFICATION

Code		ISP-W3020	ISP-A3000E			
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	
Magnification accuracy		±0.08%				
Projector screen		diameter: Ø300mm				
		rotation range: 0°~360°, resolution: 1" or 0.01°				
		reference lines: cross-hairs				
Stage	metal stage size	400×150mm				
	turning range	±15°				
	X-Z stage travel	range: 200×100mm				
		resolution: 0.5µm				
	Y (focus) travel range	accuracy: (4+L/25)µm L is the measuring length in mm				
max. load capacity	75mm					
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 24V/150W halogen lamp (with 2 fibers), position is adjustable				
Data processing unit	display	X-Z stage travel, screen rotation				
	output	RS232C		RS232C, USB (data output to Excel)		
	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		220V, 50/60Hz				
Dimension (L×W×H)		830×1090×1010mm				
Net weight		160kg				

STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc
Software (only for ISP-A3000E) and USB cable	1 pc

OPTIONAL ACCESSORY

20X lens	ISP-A3000-LENS20X
50X lens	ISP-A3000-LENS50X
100X lens	ISP-A3000-LENS100X
Overlay chart	ISP-A1000-CHART
50mm reading scale	ISP-A1000-SCALE50
300mm calibration scale	ISP-A1000-RULE

Swivel center support	ISP-A3000-SUPPORT
Demo sample	ISP-A1000-DEMO
V-block with clamp	ISP-A3000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vise	ISP-A3000-VISE
Printer (only for ISP-A3000E)	ISP-A1000-PRINTER