

HORIZONTAL PROFILE PROJECTORS



ISP-W3020



ISP-A3000E

digital readout of **ISP-A3000E**

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

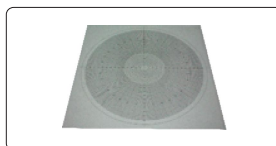


software flash disk
(included, only for **ISP-A3000E**)

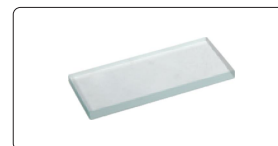
OPTIONAL ACCESSORY



lens



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



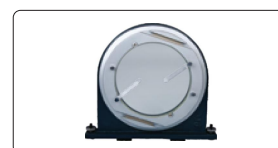
50mm reading scale
(check magnification accuracy)



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				
		accuracy: (4+L/25)µm L is the measuring length in mm				
	Y (focus) travel range	75mm				
max. load capacity	50kg					
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 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)		830×1090×1010mm				
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 (for ISP-A3000E/ISP-W3020)	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