

HORIZONTAL PROFILE PROJECTORS



ISP-W3020



ISP-A3000E

digital readout of **ISP-A3000E**

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

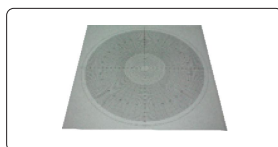


software flash disk
(included, only for **ISP-A3000E**)

OPTIONAL ACCESSORY



lens



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



50mm reading scale
(check magnification accuracy)



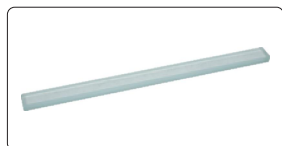
demo sample



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		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	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