

# PROFILE PROJECTORS

Screen diameter: 600mm



edge detector (for ISP-A6000E)

## digital readout

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



software CD (included)

ISP-A6000 (without edge detector)

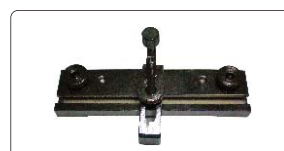
## OPTIONAL ACCESSORY



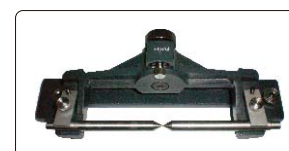
lens



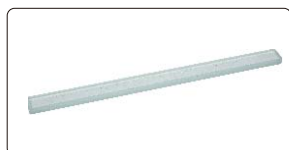
rotary table  
(glass plate diameter 100mm)



holder with clamp



swivel center support



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



50mm reading scale  
(check magnification accuracy)










demo sample



printer

To be continued

SPECIFICATION

Code		ISP-A6000		ISP-A6000E		
Edge detector		not included		included		
Projector screen		diameter: Ø600mm				
		rotation range: 0°~360°, resolution: 1' or 0.01°				
		reference lines: cross-hairs				
Lens	magnification	5X ( <b>optional</b> )	10X (included)	20X ( <b>optional</b> )	50X ( <b>optional</b> )	100X ( <b>optional</b> )
	view field	Ø120mm	Ø60mm	Ø30mm	Ø12mm	Ø6mm
	working distance	242.8mm	143.2mm	85.5mm	92mm	48.5mm
Magnification accuracy		±0.08%				
Image		erect image				
Stage	metal stage size	404×265mm				
	glass stage size	207×170mm				
	X-Y stage travel	range: 200×100mm				
		resolution: 0.5µm				
		accuracy: (3+L/50)µm, L is the measuring length in mm				
	Z (focus) travel range	50mm				
max. load capacity	5kg					
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
		surface illumination: 12V/150W halogen lamp (with 2 fibers), position is adjustable				
Data processing unit	display	X-Y stage travel, screen rotation				
	output	RS232C, USB (data output to Excel and CAD)				
	function	 measure coordinate of point				
		 measure coordinate of line				
		 measure center coordinate, radius of circle with three points				
		 measure distance between two objects				
		 measure angle with four points or two lines				
 coordinate transform						
 choose measurement object automatically according to the selective point and display the result						
advanced function		programming for batch measurements				
Power supply		110/220V, 50/60Hz				
Dimension (L×W×H)		1200×1140×1940mm				
Weight		360kg				

STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
Foot-switch	1 pc
Software and USB cable	1 pc
Overlay chart clip	4 pcs
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

5X lens	ISP-A6000-LENS5X	Holder with clamp	ISP-A6000-HOLDER	Rotary table	ISP-A6000-TABLE
20X lens	ISP-A6000-LENS20X	Swivel center support	ISP-A6000-SUPPORT	Demo sample	ISP-A6000-DEMO
50X lens	ISP-A6000-LENS50X	300mm calibration scale	ISP-A6000-RULE	Printer	ISP-A6000-PRINTER
100X lens	ISP-A6000-LENS100X	50mm reading scale	ISP-A6000-SCALE50		