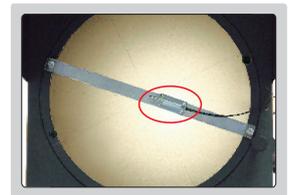


# PROFILE PROJECTORS



edge detector (for ISP-A6000E-U)

### digital readout

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



## ISP-A6000-U (without edge detector)

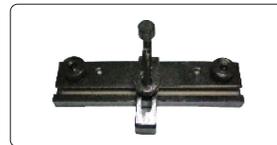
### OPTIONAL ACCESSORY



lens



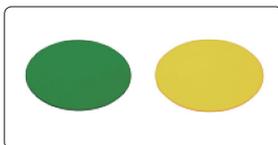
rotary table  
(glass plate diameter 100mm)



holder with clamp



printer



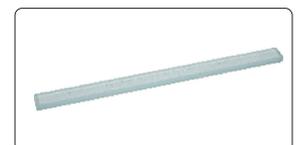
green/yellow filter



50mm reading scale  
(check magnification accuracy)



demo sample



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



swivel center support



V-block set

## SPECIFICATION

Part No.		ISP-A6000-U	ISP-A6000E-U			
Edge detector		not included	included			
Projector screen		diameter: 24" DIA				
		rotation range: 0°~360°, resolution: 1" or 0.01°				
		reference lines: cross-hairs				
Lens	magnification	5X (optional)	10X (included)	20X (optional)	50X (optional)	100X (optional)
	view field	4.72" DIA	2.36" DIA	1.18" DIA	.47" DIA	.24" DIA
	working distance	9.56"	5.64"	3.37"	3.62"	1.91"
Magnification accuracy		±0.08%				
Image		erect image				
Stage	metal stage size	15.91×10.43"				
	glass stage size	10.63×6.69"				
	X-Y stage travel	range: 8×4"				
		resolution: .00002"				
	Z (focus) travel range	accuracy: (118.1+20L)µin L is the measuring length in inch				
max. load capacity	1.97"					
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-Y stage travel, screen rotation				
	output	RS232C, USB (data output to Excel)				
	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		110V, 50/60Hz				
Dimension (L×W×H)		47.24×44.88×76.38"				
Net weight		793lb				

## STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
Foot-switch	1 pc
Software (only for ISP-A6000E-U) and USB cable	1 pc
Overlay chart clip	4 pcs
Anti-dust cover	1 pc

## OPTIONAL ACCESSORY

5X lens	ISP-A6000-LENS5X
20X lens	ISP-A6000-LENS20X
50X lens	ISP-A6000-LENS50X
100X lens	ISP-A6000-LENS100X
Rotary table	ISP-A6000-TABLE
Holder with clamp	ISP-A1000-HOLDER
Printer	ISP-A1000-PRINTER
Yellow filter	ISP-A6000-YE-FILTER
Green filter	ISP-A6000-GR-FILTER
50mm reading scale	ISP-A1000-SCALE50
Demo sample	ISP-A1000-DEMO
300mm calibration scale	ISP-A1000-RULE
Swivel center support	ISP-A1000-SUPPORT
V-block set	6896-12