PROFILE PROJECTORS

INSPECTION CERTIFICATE
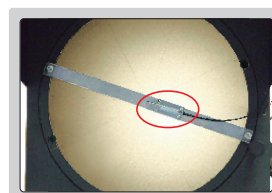

edge detector (for **ISP-A6000E**)

digital readout

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

- 10X lens
- stage
- projector screen
- focus wheel
- illumination control panel

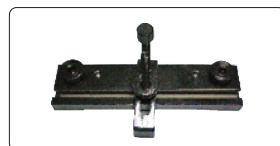**ISP-A6000 (without edge detector)**

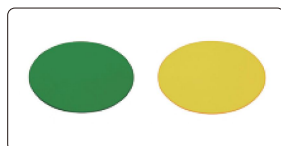## OPTIONAL ACCESSORY

lens

rotary table
(glass plate diameter 100mm)
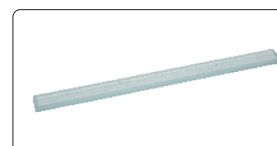

holder with clamp

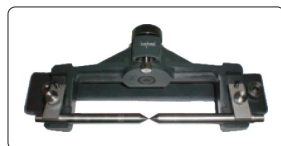printer

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

		ISP-A6000			ISP-A6000E	
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 (**optional**)	10X (included)	20X (**optional**)	50X (**optional**)	100X (**optional**)
	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	270×170mm				
	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: 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 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		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 (only for ISP-A6000E) 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