PROFILE PROJECTORS







digital readout of ISP-A1000E



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







software CD (included, only for ISP-A1000E)

OPTIONAL ACCESSORY

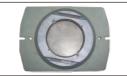




swivel center support



blue filter



rotary table (glass plate diameter 100mm)



V-block with clamp



demo sample



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



50mm reading scale (check magnification accuracy)



printer (only for ISP-A1000E)



holder with clamp



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



SPECIFICATION

Code		ISP-Z3015	ISP-A1000E				
Edge detecto	r	not included	included				
	magnification	10X (included) 20X (option	nal) 50X (optional)	100X (optional)			
Lens	view field	Ø30mm Ø15mm	Ø6mm	Ø3mm			
	working distance	77.7mm 44.3mm	38.4mm	25.3mm			
Max. workpie	ce height	90mm 90mm	90mm	90mm			
Magnification	accuracy	±0.08%					
Image		erect image					
		diameter: Ø300mm					
Projector scre	een	rotation range: 0°~360°, resolution: 1'	or 0.01°				
		reference lines: cross-hairs					
	metal stage size	340×152mm					
	glass stage size	196×96mm					
		range: 150×50mm					
Stage	X-Y stage travel	resolution: 0.5µm					
		accuracy: (4+L/25)µm L is the measuring length in mm					
	Z (focus) travel range	90mm					
	max. load capacity	4kg					
		contour illumination: 24V/150W halog	en lamp, brightness is adjustab	le			
Illumination		surface illumination: 24V/150W halogen lamp					
	display	X-Y stage travel, screen rotation					
	output	RS232C	RS232C, USB (data	a output to Excel and CAD)			
Data processing unit	function	measure coordinate of point measure coordinate of line measure center coordinate, radius of circle with three point measure distance between two objects measure angle with four points or two lines set origin of coordinate coordinate transform 1/2 set midpoint of coordinate	measure co measure ce radius of cir measure dis two objects measure an or two lines coordinate t choose mea automatical	ordinate of point ordinate of line nter coordinate, cle with three points stance between gle with four points ransform surrement object y according to the int and display the result			
advanced function			programming for ba	tch measurements			
Power supply		110/220V, 50/60Hz					
Dimension (L	×W×H)	550×770×1100mm					
Weight		135kg					

STANDARD DELIVERY

Main unit	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc
Software (only for ISP-A1000E) and USB cable	1 pc

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-Z3015-LENS20X		
50X lens with half-reflection mirror	ISP-Z3015-LENS50X		
100X lens with half-reflection mirror	ISP-Z3015-LENS100X		
Rotary table	ISP-Z3015-TABLE		
Overlay chart	ISP-Z3015-CHART		
Holder with clamp	ISP-Z3015-HOLDER		

Swivel center support	ISP-Z3015-SUPPORT			
V-block with clamp	ISP-Z3015-VBLOCK			
50mm reading scale	ISP-Z3015-SCALE50			
300mm calibration scale	ISP-Z3015-RULE			
Blue filter	ISP-Z3015-FILTER			
Demo sample	ISP-Z3015-DEMO			
Printer (only for ISP-A1000E)	ISP-A1000-PRINTER			

+INSIZE

PROFILE PROJECTORS









digital readout of ISP-A5000E

- Adjust the focus by ascending and descending the projector head, the stage doesn't move up and down
- Maximum workpiece weight 50kg
- touch buttonsUSB data output to Excel and CAD









software CD (included, only for ISP-A5000E)

OPTIONAL ACCESSORY





rotary table (glass plate diameter 100mm)



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



holder with clamp



swivel center support



demo sample



V-block with clamp



printer (only for ISP-A5000E)



50mm reading scale (check magnification accuracy)



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



SPECIFICATION

Code		ISP-AZ3020		ISP-A5	000E			
Edge detector		not included		included	included			
	magnification	10X (included) 20X (optional)		50X (o r	otional)	100X (optional)		
Lens	view field	Ø30mm	Ø15mm	Ø6mm		Ø3mm		
	working distance	77.7mm	44.3mm	38.4mm	า	25.3mm		
Max. workpie	<u> </u>	100mm	100mm	100mm	 	100mm		
Magnification		±0.08%						
Image		erect image						
		diameter: Ø300mm						
Projector scre	een	rotation range: 0°~360	°, resolution: 1" or 0.0°	1°				
		reference lines: cross-						
	metal stage size	404×228mm						
	glass stage size	260×160mm						
		range: 200×100mm						
Stage	X-Y stage travel	resolution: 0.5µm						
		accuracy: (3+L/75)µm L is the measuring length in mm						
	Z (focus) travel range	100mm						
	max. load capacity	50kg						
	<u> </u>	contour illumination: 24V/150W halogen lamp, brightness is adjustable						
Illumination		surface illumination: 24V/150W halogen lamp						
	display	X-Y stage travel, scree	en rotation					
	output	RS232C		RS2320	C, USB (data out	put to Excel and CAD)		
Data processing unit	function	measure coord measure coord measure center radius of circle measure distant two objects measure angle points or two lir set origin of coordinate transcent	inate of line r coordinate, with three points ice between with four nes ordinate		measure coordines measure contines as a contine with the coordinate transcondinate transcondinat	nate of line coordinate, vith three points e between vith four points form ement object		
	advanced function	_		progran	nming for batch	measurements		
Power supply		110/220V, 50/60Hz						
Dimension (L	×W×H)	780×780×1100mm						
Weight		160kg						

STANDARD DELIVERY

Main unit	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Blue filter	1 pc
Anti-dust cover	1 pc
Software (only for ISP-A5000E) and USB cable	1 pc

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-A5000-LENS20X		
50X lens with half-reflection mirror	ISP-A5000-LENS50X		
100X lens with half-reflection mirror	ISP-A5000-LENS100X		
Rotary table	ISP-A5000-TABLE		
Overlay chart	ISP-A5000-CHART		
Holder with clamp	ISP-A5000-HOLDER		
Swivel center support	ISP-A5000-SUPPORT		
V-block with clamp	ISP-A5000-VBLOCK		
50mm reading scale	ISP-A5000-SCALE50		
300mm calibration scale	ISP-A5000-RULE		
Demo sample	ISP-A5000-DEMO		
Printer (only for ISP-A5000E)	ISP-A5000-PRINTER		

HORIZONTAL PROFILE PROJECTORS

INSPECTION





ISP-W3020

ISP-A3000E



digital readout of ISP-A3000E

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







software CD (included, only for ISP-A3000E)



lens



demo sample



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

OPTIONAL ACCESSORY



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



vise



printer (only for ISP-A3000E)



50mm reading scale (check magnification accuracy)



rotary table



SPECIFICATION

Code		ISP-W3020		ISP-A	3000E			
Edge detector		not included			included			
	magnification	10X (included) 20X (optional)		50X (optional)	100X (optional)		
Lens	view field	Ø30mm	Ø15mm	Ø6mr	n	Ø3mm		
	working distance	77.7mm	44.3mm	38.4m	nm	25.3mm		
Magnification	n accuracy	±0.08%						
		diameter: Ø300mm						
Projector scr	een		°, resolution: 1' or 0.01°					
		reference lines: cross-	hairs					
	metal stage size	400×150mm						
	turning range	±15°						
		range: 200×100mm						
Stage	X-Z stage travel	resolution: 0.5µm						
		accuracy: (4+L/25)µm	L is the measuring len	gth in mm				
	Y (focus) travel range	75mm						
	max. load capacity	50kg						
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable						
illumination		surface illumination: 12V/150W halogen lamp (with 2 fibers), position is adjustable						
	display	X-Z stage travel, screen rotation						
	output	RS232C	RS23	RS232C, USB (data output to Excel and CAD)				
		x measure coordi	inate of point	0	measure coor	dinate of point		
		measure coordi	inate of line		measure coor	dinate of line		
		measure center radius of circle	r coordinate, with three points	(5)	measure center radius of circle	er coordinate, with three points		
Data processing	C onstitution	measure distan objects	ce between two		measure dista two objects	nce between		
unit	function	measure angle or two lines	with four points	3	measure angle or two lines	e with four points		
		set origin of coo	ordinate		coordinate tra	nsform		
		coordinate trans	sform		choose measu automatically a	ccording to the		
		set midpoint of coordinate			selective point and display the result			
advanced function		_		progra	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

20X lens	ISP-A3000-LENS20X		
50X lens	ISP-A3000-LENS50X		
100X lens	ISP-A3000-LENS100X		
Overlay chart	ISP-A3000-CHART		
50mm reading scale	ISP-A3000-SCALE50		
300mm calibration scale	ISP-A3000-RULE		

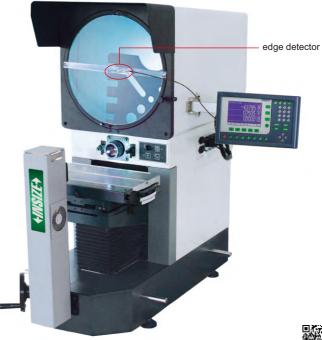
Demo sample	ISP-A3000-DEMO		
V-block with clamp	ISP-A3000-VBLOCK		
Rotary table	ISP-A3000-RTABLE		
Vice	ISP-A3000-VISE		
Printer (only for ISP-A3000E)	ISP-A3000-PRINTER		

+INSIZE+

HORIZONTAL PROFILE PROJECTORS







ISP-W4025

ISP-A7000E



digital readout of ISP-A7000E

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







software CD (included, only for ISP-A7000E)



lens



demo sample (need rotary table)



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

OPTIONAL ACCESSORY



vise



printer (only for ISP-A7000E)



Ø300mm overlay chart (protractor with 1° graduation, radius with 1mm increment)



rotary table



50mm reading scale (check magnification accuracy)



SPECIFICATION

Code		ISP-W4025			ISP-A70	00E			
Edge detecto	r	not included			included				
5	magnification	5X (optional)	10X (standard)	20X (op		50X (optional)	100X (optional)		
Lens	view field	Ø80mm	Ø40mm	Ø20mm		Ø8mm	Ø4mm		
	working distance	93.7mm	103.9mm	95.1mm		65.7mm	35mm		
Magnification	n accuracy	±0.08%							
Image	<u> </u>	erect image							
		diameter: Ø400mm							
Projector scr	een	rotation range: 0	°~360°, resolution: 1	' or 0.01°					
		reference lines:	cross-hairs						
	metal stage size	450×200mm							
	turning range	±15°							
		range: 250×150	mm						
Stage	X-Z stage travel	resolution: 0.5µr	n						
		accuracy: (4+L/2	25)µm L is the mea	suring leng	th in mm				
	Y (focus) travel range	100mm							
	max. load capacity	50kg							
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable							
mumination		surface illumination: 12V/150W halogen lamp (with 2 fibers), position is adjustable							
	display	X-Z stage travel	, screen rotation						
	output	RS232C RS232C, USB (data output to Exc			to Excel and CAD)				
			coordinate of point			measure coordinate of point			
			coordinate of line center coordinate,		measure coordinate of line measure center coordinate,				
		radius of	circle with three poin	ts	i ra	adius of circle with t	hree points		
Data processing	function	measure two object	distance between ets			neasure distance be wo objects	etween		
unit	Turicuon	measure or two lin	angle with four point es	S	measure angle with four points or two lines		four points		
		set origin	of coordinate		@ c	oordinate transform	١		
		coordinat	e transform		choose measurement object automatically according to the		ng to the		
		selective point and display the re			splay the result				
	advanced function	programming for batch measurements				surements			
Power supply	/	110/220V, 50/60Hz							
Dimension (L	.×W×H)	646×1215×1210mm							
Weight		240kg							

STANDARD DELIVERY

VIIIIVIII DELIVERI	
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-A7000E) and USB cable	1 pc

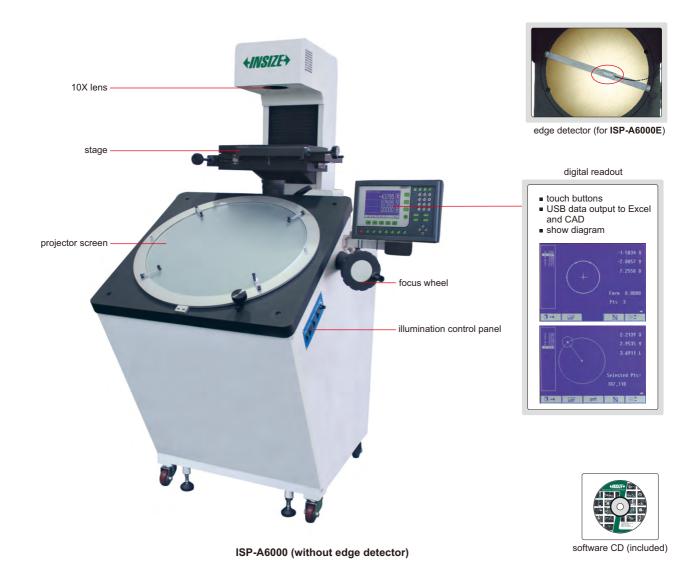
OF HOUSE ACCESSORY	
5X lens	ISP-W4025-LENS5X
20X lens	ISP-W4025-LENS20X
50X lens	ISP-W4025-LENS50X
100X lens	ISP-W4025-LENS100X
Ø300mm overlay chart	ISP-A3000-CHART
50mm reading scale	ISP-A3000-SCALE50

300mm calibration scale	ISP-A3000-RULE
Demo sample	ISP-A3000-DEMO
V-block with clamp	ISP-A3000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vice	ISP-A3000-VISE
Printer (only for ISP-A7000E)	ISP-A3000-PRINTER

+INSIZE+

PROFILE PROJECTORS





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



SPECIFICATION

Code		ISP-A6000		ISP-	-A6000E	
Edge detector		not included included				
		diameter: Ø600mm				
Projector screer	1	rotation range: 0°~360°, resolution: 1' or 0.01° reference lines: cross-hairs				
	magnification	5X (optional)	10X (included)	20X (optional)	50X (optional)	100X (optional)
Lens	view field	Ø120mm	Ø60mm	Ø30mm	Ø12mm	Ø6mm
	working distance	242.8mm	143.2mm	85.5mm	92mm	48.5mm
Magnification ac	curacy	±0.08%				
Image	•	erect image				
	metal stage size	404×265mm				
	glass stage size	207×170mm				
		range: 200×100)mm			
	X-Y stage travel	resolution: 0.5µ				
Stage		accuracy: (3+L/		measuring length ir	ı mm	
	Z (focus) travel range					
	max. load capacity					
		contour illumination: 24V/150W halogen lamp, brightness is adjustable				
Illumination		surface illumination: 12V/150W halogen lamp (with 2 fibers), position is adjustable		adiustable		
	display			2.090ap (a		a a j a o ta o . o
	display X-Y stage travel, screen rotation output RS232C, USB (data output to Excel and CAD)					
Data processing unit	function	measure measure measure coordina choose r	e distance betweer angle with four po te transform	e, radius of circle win two objects points or two lines	·	
	advanced function	programming for batch measurements				
Power supply		110/220V, 50/60Hz				
Dimension (L×W	/×H)	1200×1140×1940mm				
Weight		360kg				

STANDARD DELIVERY

O IANDARD 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

5X lens	ISP-A6000-LENS5X
20X lens	ISP-A6000-LENS20X
50X lens	ISP-A6000-LENS50X
100X lens	ISP-A6000-LENS100X
Holder with clamp	ISP-A6000-HOLDER
Swivel center support	ISP-A6000-SUPPORT

300mm calibration scale	ISP-A6000-RULE
50mm reading scale	ISP-A6000-SCALE50
Rotary table	ISP-A6000-TABLE
Demo sample	ISP-A6000-DEMO
Printer	ISP-A6000-PRINTER