

HIGH PRECISION PROFILE PROJECTORS (WITHOUT EDGE DETECTOR)









ISP-AZ3020

- Adjust the focus by ascending and descending the projector head, the stage doesn't move up and down
- Maximum workpiece weight 66lb

OPTIONAL ACCESSORY





rotary table (glass plate diameter 3.94")



11.81" DIA/Ø300mm overlay chart (protractor with 1° graduation, radius with .039"/1mm increment)



holder with clamp



swivel center support



V-block with clamp



1.97"/50mm reading scale (check magnification accuracy)



11.81"/300mm calibration scale (check magnification accuracy together with 1.97"/50mm reading scale or calibrate measuring accuracy)



green/yellow filter



demo sample

SPECIFICATION

glass stage size 8.26"×6.30" 10.24"×6.30" 12.05"×7.72" 12.64"×8.70" 17.72"×13.78	Part No.		ISP-AZ3010	ISP-AZ3020	ISP-AZ3025	ISP-AZ3030	ISP-AZ3040	
View field 1.18" DIA .59" DIA .24" DIA .12" DIA	Edge detecto	or	not included					
Max. workpiece height 3.94" 3.9		magnification	10X (included)	10X (included) 20X (optional) 50X (optional) 100X (optional)				
Maynification accuracy 3.94"		view field	1.18" D I A	.59" D I A	.24" D I A	.12" Dl	.12" D İ A	
Magnification accuracy 10.08%		working distance	3.06"	1.74"	1.51"	1.00"		
Projector seen	Max. workpie	ece height	3.94"	3.94"	3.94"	3.94"		
Manual	Magnification	n accuracy						
Projector screen	Image		erect image					
Teference lines: cross-hairs Teference lines: cross-hairs Teference lines: cross-hairs Teres			diameter: 12" DIA					
Metal stage size 13.94"×8.98" 15.90"×8.98" 17.72"×11.02" 19.68"×12.99" 23.86"×18.35"	Projector sci	reen	rotation range: 0°~360°, resolution: 1" or 0.01°					
Stage Stage size Stage size Stage size Stage size Stage								
X-Y stage travel range 5.90"x3.94" 7.87"x3.94" 9.84"x5.90" 11.61"x7.68" 15.75"x11.81		metal stage size	13.94"×8.98"	15.90"×8.98"	17.72"×11.02"	19.68"×12.99"	23.86"×18.35"	
Tesolution 0.00002"		glass stage size	8.26"×6.30"	10.24"×6.30"	12.05"×7.72"	12.64"×8.70"	17.72"×13.78"	
Cocus travel range 3.94" 3.94"		X-Y stage travel range	5.90"×3.94"	7.87"×3.94"	9.84"×5.90"	11.61"×7.68"	15.75"×11.81"	
Illumination	Stage	resolution	.00002"					
Illumination		accuracy	(118.1+13.3L)µin L is the measuring length in inch					
Contour illumination: 24V/150W halogen lamp, brightness is adjustable surface illumination: 24V/150W halogen lamp		Z (focus) travel range						
surface illumination: 24V/150W halogen lamp X-Y stage travel, screen rotation RS232C Machine Machine RS232C		max. load capacity	66.14lb					
Surface illumination: 24V/150W halogen lamp X-Y stage travel, screen rotation Output RS232C 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 set origin of coordinate coordinate transform set midpoint of coordinate coordinate transform 200, 50/60Hz Dimension (L×W×H) 30.71×30.71 30.71×30.71 31.89×30.71 35.43×30.71 40.95×30.71 x44.09" x44.09" x44.09" x44.09" x44.09" x44.09" 40.95×30.71 x44.09" x44	Ill umination		contour illumination: 24V/150W halogen lamp, brightness is adjustable					
Power supply Power supply Output RS232C			surface illumination: 24V/150W halogen lamp					
Power supply measure coordinate of point measure coordinate of line measure coordinate, radius of circle with three points measure distance between two objects measure angle with four points or two lines set origin of coordinate coordinate transform 2 set midpoint of coordinate Power supply 110/220V, 50/60Hz Dimension (L×W×H) 30.71×30.71 ×43.31" 31.89×30.71 ×44.09" 35.43×30.71 ×44.09" 40.95×30.71 ×44.09"		display	X-Y stage travel, screen rotation					
Power supply Indicator The processing unit Indicator Indicato		output	RS232C					
Power supply 110/220V, 50/60Hz Dimension (L×W×H) 30.71×30.71 ×43.31" 31.89×30.71 ×44.09" 40.95×30.71 ×44.09" 44.09"	processing	function	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 set origin of coordinate coordinate transform					
*44.09" ×44.09" ×44.09" ×44.09"	Power supply							
Weight 352lb 352lb 397lb 397lb 551lb	Dimension (L×W×H)							
	Weight		352 l b	352 l b	397 l b	397 i b	551 l b	

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

OPTIONAL ACCESSORY

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 (for ISP-AZ3010/3020)	ISP-A5000-TABLE
Rotary table (for ISP-AZ3025/3030)	ISP-A5001-TABLE
Rotary table (for ISP-AZ3040)	ISP-A5003-TABLE
Overlay chart	ISP-A5000-CHART

Swivel center support (for ISP-AZ3010)	ISP-A4500-SUPPORT
Swivel center support (for ISP-AZ3020/3025)	ISP-A5000-SUPPORT
Holder with clamp	ISP-A5000-HOLDER
V-block with clamp	ISP-A5000-VBLOCK
1.97"/50mm reading scale	ISP-A5000-SCALE50
11.81"/300mm calibration scale	ISP-A5000-RULE
Green filter	ISP-A5000-GR-FILTER
Yellow filter	ISP-A5000-YE-FILTER
Demo sample	ISP-A5000-DEMO