

THE STAGE DOESN'T
MOVE UP AND DOWN

INSPECTION
CERTIFICATE

HIGH PRECISION PROFILE PROJECTORS (WITHOUT EDGE DETECTOR)



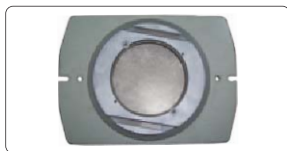
- Adjust the focus by ascending and descending the projector head, the stage doesn't move up and down
- Maximum workpiece weight 66lb

ISP-AZ3020

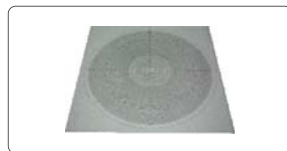
OPTIONAL ACCESSORY



lens



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)



demo sample

SPECIFICATION

Part No.	ISP-AZ3010	ISP-AZ3020	ISP-AZ3025	ISP-AZ3030	ISP-AZ3040	
Edge detector	not included					
Lens	magnification	10X (included)	20X (optional)	50X (optional)	100X (optional)	
	view field	1.18" DIA	.59" DIA	.24" DIA	.12" DIA	
	working distance	3.06"	1.74"	1.51"	1.00"	
Max. workpiece height	3.54"	3.54"	3.54"	3.54"		
Magnification accuracy	±0.08%					
Image	erect image					
Projector screen	diameter: 12" DIA					
	rotation range: 0°~360°, resolution: 1" or 0.01°					
	reference lines: cross-hairs					
Stage	metal stage size	13.94"×8.98"	15.90"×8.98"	17.72"×11.02"	19.68"×12.99"	23.86"×18.35"
	glass stage size	8.26"×6.30"	10.24"×6.30"	12.05"×7.72"	12.64"×8.70"	17.72"×13.78"
	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"
	resolution	00002"				
	accuracy	(118.1+13.3L)µin L is the measuring length in inch				
	Z (focus) travel range	3.94"				
max. load capacity	66.14lb					
Illumination	contour illumination: 24V/150W halogen lamp, brightness is adjustable					
	surface illumination: 24V/150W halogen lamp					
Data processing unit	display	X-Y stage travel, screen rotation				
	output	RS232C				
Data processing unit	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				
		 set origin of coordinate				
		 coordinate transform				
		 set midpoint of coordinate				
Power supply	110/220V, 50/60Hz					
Dimension (L×W×H)	30.71×30.71×43.31"	30.71×30.71×43.31"	31.89×30.71×44.09"	35.43×30.71×44.09"	40.95×30.71×44.09"	
Weight	352lb	352lb	397lb	397lb	551lb	

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	Swivel center support (for ISP-AZ3015)	ISP-A4500-SUPPORT
50X lens with half-reflection mirror	ISP-A5000-LENS50X	Swivel center support (for ISP-AZ3020/3025)	ISP-A5000-SUPPORT
100X lens with half-reflection mirror	ISP-A5000-LENS100X	Overlay chart	ISP-A5000-CHART
Rotary table (for ISP-AZ3015/3020)	ISP-A5000-TABLE	Holder with clamp	ISP-A5000-VBLOCK
Rotary table (for ISP-AZ3025/3030)	ISP-A5001-TABLE	50mm reading scale	ISP-A5000-SCALE50
Rotary table (for ISP-AZ3040)	ISP-A5003-TABLE	300mm calibration scale	ISP-A5000-RULE
		Demo sample	ISP-A5000-DEMO