projector screen

rotating botton

digital readout

illumination
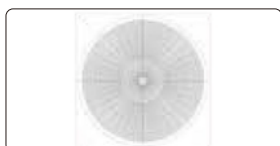
10X lens

working stage

control panel

ISP-D150A

OPTIONAL ACCESSORIES

lens

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

swivel center support

V-block

rotary table

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

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

demo sample

printer

SPECIFICATION

Part No.		ISP-D150A	ISP-D150B	ISP-D200A	ISP-D200B	ISP-D250A	ISP-D250B
Projector screen		diameter: 12" DIA					
		rotation range: 0°~360°, resolution: 1" or 0.05°					
		reference lines: cross-hairs					
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	inverted image	erect image	inverted image	erect image	inverted image
Stage	metal stage size	13.39×5.98"		15.91×8.98"		15.94×11.02"	
	glass stage size	7.72×3.78"		10.24×6.30"		12.05×7.72"	
	X-Y stage travel	range: 5.91×1.97"		range: 7.87×3.94"		range: 9.84×5.91"	
		resolution: .00002"					
		accuracy: (157.5+13.3L)µin L is the measuring length in inch					
	Z (focus) travel range	3.54"					
	max. load capacity	8.82lb					
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					
	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 adjustment and compensation					
		☺ for some special measurments					
	advanced function	programming for batch measurements					
Power supply		110/220V, 50/60Hz					
Dimension (W×D×H)		30.31×21.65×43.31"		30.31×21.65×43.31"		30.71×30.71×43.31"	
Weight		276lb		298lb		320lb	

STANDARD DELIVERY

Main unit	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Foot-switch	1 pc
Overlay chart clip	4 pcs
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

20X lens with half-reflection mirror and oblique illuminator mirror	ISP-D150-LENS20X	Rotary table	ISP-D150-TABLE
50X lens with half-reflection mirror	ISP-D150-LENS50X	50mm reading scale	ISP-D150-SCALE50
100X lens with half-reflection mirror	ISP-D150-LENS100X	300mm calibration scale	ISP-D150-RULE
Overlay chart	ISP-D150-CHART	Demo sample	ISP-D150-DEMO
Swivel center support	ISP-D150-SUPPORT	Printer	ISP-D150-PRINTER
V-block with clamp	ISP-D150-VBLOCK		