检验证书

projector screen

rotating botton

digital readout

10X lens
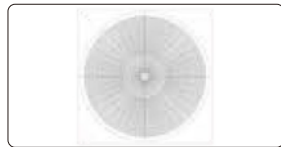
illumination

working stage

control panel

ISP-D150A

OPTIONAL ACCESSORIES

lens

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

swivel center support

V-block

rotary table

50mm reading scale
(check magnification accuracy)

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

demo sample

printer

SPECIFICATION

Code		ISP-D150A	ISP-D150B	ISP-D200A	ISP-D200B	ISP-D250A	ISP-D250B
Projector screen		diameter: Ø300mm					
		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	Ø30mm		Ø15mm		Ø6mm	Ø3mm
	working distance	77.7mm		44.3mm		38.4mm	25.3mm
Max. workpiece height		90mm		90mm		90mm	90mm
Magnification accuracy		±0.08%					
Image		erect image	inverted image	erect image	inverted image	erect image	inverted image
Stage	metal stage size	340×152mm		404×228mm		405×280mm	
	glass stage size	196×96mm		260×160mm		306×196mm	
	X-Y stage travel	range: 150×50mm		range: 200×100mm		range: 250×150mm	
		resolution: 0.5µm					
		accuracy: (4+L/75)µm L is the measuring length in mm					
	Z (focus) travel range	90mm					
	max. load capacity	4kg					
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)		770×550×1100mm		770×550×1100mm		780×780×1100mm	
Weight		125kg		135kg		145kg	

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			