

LARGE SIZE PROFILE PROJECTOR CODE ISP-T800








MOTORIZED STAGE



- Projector screen diameter Ø800mm
- Easy measurement of online machined parts
- Large measuring range, high load-bearing capacity table
- Table deflection $\pm 15^\circ$, easy to measure parts with helix angle
- Two levels of contour illumination
- Motorized stage



SPECIFICATION

Projector screen		diameter: Ø800mm			
		rotation range: 0°~360°, resolution: 1'			
		reference lines: cross-hairs			
Lens	magnification	10X	20X	50X	100X
	view field	Ø80mm	Ø40mm	Ø16mm	Ø8mm
	working distance	206mm	123mm	85mm	78mm
Magnification accuracy		±0.06%			
Image		inverted image			
Stage	metal stage size	630×200mm			
	vertical plane table through-light dimension	300×200mm			
	vertical round table through-light dimension	Ø90mm			
	turning range	±15°			
	X-Z stage travel	range: 300×200mm			
		resolution: 1μm			
		accuracy: (4+L/50)μm, L is the measuring length in mm			
	Y (focus) travel range	80mm			
max. load capacity	50kg				
Illumination		contour illumination: 24V/250W halogen lamp, brightness is adjustable			
		surface illumination: 24V/150W halogen lamp, brightness is adjustable			
Swivel center support		max. clamping diameter: Ø200mm			
		max. clamping length: 300mm			
Data processing unit	display	X-Y stage travel			
	output	RS232, USB			
	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					
	advanced function	 coordinate adjustment and compensation			
		 for some special measurments			
		programming for batch measurements			
Power supply		220V, 50/60Hz			
Dimension (L×W×H)		2130×1800×1950mm			
Weight		1900kg			

STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
20X lens	1 pc
50X lens	1 pc
100X lens	1 pc
Vertical plane table	1 set
Vertical round table	1 pc
Swivel center support	1 set
V-block with clamp	1 pc
Magnifier	1 pc
80mm standard scale	1 pc
500mm glass scale	1 pc
Controller	1 pc