

SP-25 Horizontal Profile Projector

Usage:

SP-25 Horizontal Profile Projector is a photoelectric measuring system of high precision and efficiency. It can inspect all kinds of surface and outline of the complicated work pieces such as cam, template, tread, gear, perform willing cutter and so on. The measurement data can be printed and output. It requires in the checking department and workshop and is widely used machinery, mould, tool, meter, and light industry.



Features:

The product structures are strong in commonality, this instrument is beautiful in its outward appearances and convenient for operations; Imported V-type straight-line slide-way is adopted for the hoisting driving of the worktable, light and comfortable in driving; The two high-and-low adjustable light intensities for transmission and indirect lightings can be adaptable for measuring requirements of different workpieces; In high quality in its optical system, the objectives are clear in imaging and accurate in multiplying factors; The fiber transmission is adopted for the indirect lighting, which is small in dimensions, high in its brightness and convenient for uses; Casting aluminum is selected for the processing of worktables, light in weight; This instrument is of super-precision, with stable and reliable performances.

Model		SP-25			
Working table	Stage size(mm)	450*200			
	X-axis travel(mm)	250			
	Y-axis travel(mm)	150			
	Z-axis travel(mm)	100(for focus)			
	Turning range	±15°			
	Resolution	(X-axis, Y-axis) 0.5µm			
	Accuracy	(3+L/200)µm			
Projector screen	Screen size (mm)	Ø 400			
	Screen rotary range	0°~360°			
	Rotary angle resolution	1' or 0.01°			
Lens	Magnification	10X	20X	50X	100X
	Object view(mm)	Ø40	Ø20	Ø8	Ø4
	Working distance(mm)	103.9	95.1	65.7	35
Data processing system	DS600, multi-function data processing system				
Illumination	Transmission: 24V/150W, cooling by fans.				
	Reflection: 24V/150W, illuminated by two fibers, cooling by fans.				
Power	110V/220V(AC)	50/60Hz	total power=400W		
Dimension	L*W*H(mm) 1215*646*1210				
Weight	Unit : (kg) 240				
Option	Mini-printer, Edge detector, M2D software and so on,				
	please refer to Accessories for profile projector for more details.				



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