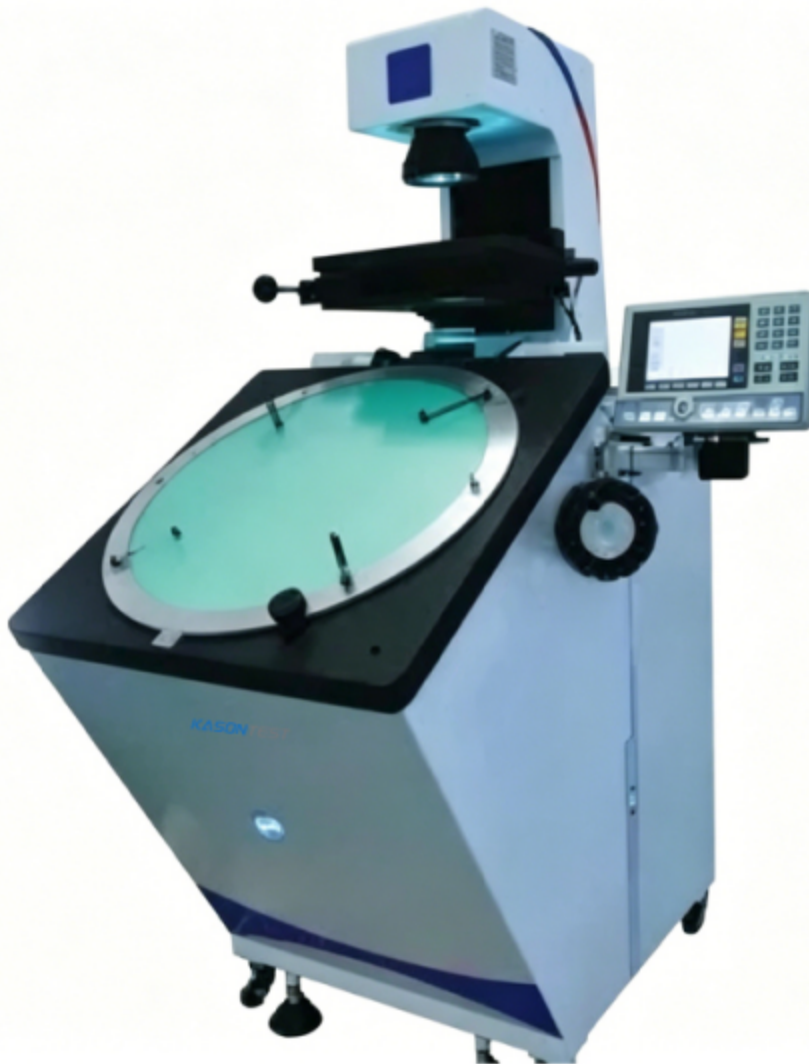


KASON FPJ Floor Profile Projector

KASONTTEST®



(Picture just for reference)

Introduction

Floor Type Profile Projector is a high precision and high efficiency optical measuring instrument integrating optics, mechanics and electronics. It is widely used in the field of machinery, instrument, meter, electronics, and light industry as well as in measuring chamber and laboratory of universities and institutes, research institutes and metrological verification department. This instrument can efficiently measure the geometric dimension and profile of various complicated shaped work-piece.

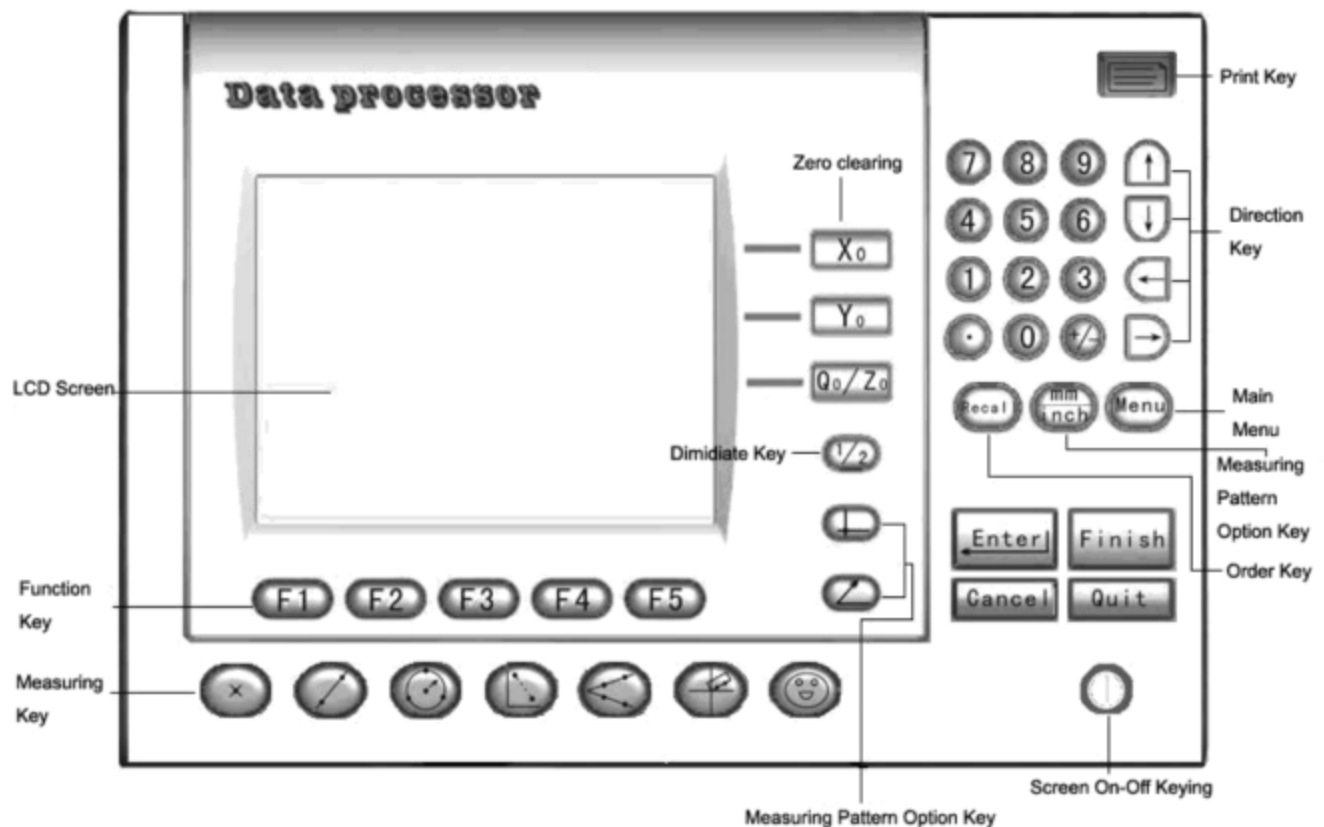
Features

- ▶ ϕ 615mm diameter screen with digital protractor.
- ▶ Floor structure, 45° screen
- ▶ 200x100mm precision movement work-stage, 300x200mm optional.
- ▶ Work-stage sway range between 15° .
- ▶ Halogen profile and fiber surface illumination adjustable.
- ▶ Geometric multifunction data processing system DRO DP300.
- ▶ Built-in Mini-printer.
- ▶ Available 5x, 10x,20x, 50x objective, working cupboard and foot-switch, etc.

Technical Specification

Model		KASON FPJ			
Working Table	Worktable Size(mm)	404*265			
	X Stroke(mm)	200			
	Y Stroke(mm)	100			
	Z Stroke(mm)	50 for focus			
	Turning Range	$\pm 15^\circ$			
	Resolution(X,Y)	0.5 μ m			
	Accuracy*(μ m)	Ex, y $\leq (2.5+L/200)$			
Dimension	L*W*H(mm)	1200x 1140x 1940			
Weight	Unit:(kg)	360			
Projector screen	Screen Size(mm)	ϕ 615mm			
	Screen Rotary Range	0°~360°			
	Rotary Angle Resolution	1' or 0.01°			
Lens	Magnification	5X (option)	10X (standard)	20X (option)	50X (option)
	Object View(mm)	ϕ 120	ϕ 60	ϕ 30	ϕ 12
	Working Distance(mm)	242.8	143.2	85.5	92
Data processing system	DP-300 Series DRO, appearing in English, can be used to gather dimension data and measure point ,line, circle, angle and distance, etc.				
Illumination	Transmission: 24V/150W, cooling by fans. Reflection: 21V/ 150W, illuminated by two fibers, cooling by fans.				
Power	110V/220V(AC), 50/60HZ, Total power=650W				

Digital Display Part



1. Two-dimensional measurement: measure width, length, both sides of the angle, the cone angle, the

diameter of the cylinder, chamfering, straightness, roundness, cylindricity, perpendicularity, parallelism, etc.

2. User program: sequences of front panel key-presses can be stored as programs and replayed at a later date. This capability is especially useful when a series of identical parts must be measured.

3. Communication: with RS232 interface and printer interface, can export measurement data with a mini printer or a computer equipped with metrology software.

4. Measuring Unit: support mm or inch'

5. Language: Chinese, English.

Standard Accessories

No.	Name	Picture	Description
1	Foot Switch		Help to make better point capture
2	Dust Cover		Protect instrument from dust P.S. Size varies according to instrument model
3	User Files		Equipment Manual (English version), Certificates, etc.
4	Cable		Power cable
5	Spare Halogen Lamp		
6	Spare Fuse		

FOCUS IN MATERIAL TEST

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