

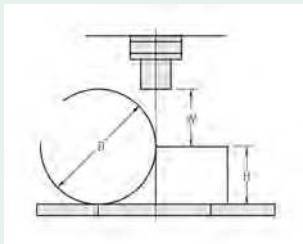
PJ-H30 Measuring Projector

Series 303

- Incident illumination with variable incident light adjustment.
- By rotating the condenser lens and changing the angle of the half-silvered mirror in the objective, even poorly reflecting surfaces can be represented optimally.
- Improved light intensity of a projected subject thanks to the new optical contour illumination system.
- High measuring accuracy (above JIS standard).
- Measuring stage with rapid single-handed adjustment on both axes for smooth switching between quick positioning and fine adjustment.
- Constant current power supply unit with acceleration control to maximize the service life of the halogen lamp.
- Easily read digital counter with large digit display.
- Built-in precision edge detector (Optoeye) on models PJ-H30 B/D.
- RS-232C output.

Specifications

Accuracy	(3+0,02L) μ m L : Max length measurement
Projected image Projector screen	Erect Effective diameter : 306 mm / 12" Screen material : Fine-ground glass Screen rotation : $\pm 360^\circ$, fine adjustment and clamp Angle display : Digital counter (LED) Resolution : 1' or 0.01° (switchable) Range : $\pm 370^\circ$ ABS/INC mode switching, Zero Set Reference lines : Cross-hairs 10X (172-472) Optional : 5X, 20X, 50X, 100X
Projection lens	
Magnification accuracy	Contour illumination : $\pm 0.1\%$ or better Surface illumination : $\pm 0.15\%$ or better
Contour illumination	Light source : Halogen bulb (24V, 150W) Optical system : Telecentric zoom Functions : Continuously variable brightness adjustment, Heat-absorbing filter, Cooling fan
Surface illumination	Light source : Halogen bulb (24V, 150W) Optical system : Vertical/Oblique illumination with an adjustable condenser lens Functions : Continuously variable brightness adjustment, Heat-absorbing filter, Cooling fan
Power supply	220V AC, 50/60Hz
Resolution	0,001 mm



D : Max. workpiece diameter
W : Working distance
H : Max. workpiece height

Unit: mm

	Magnification				
	5X	10X	20X	50X	100X
View field	$\phi 61.2$	$\phi 30.6$	$\phi 15.3$	$\phi 6.12$	$\phi 3.06$
H	105	105	105	105	105
W	66	70.5	56.5	50	50
D	148	197	137	114	114



Profile Projector brochure on request



303-735D



Vertical / oblique
switchable surface illumination



Vertical illumination



Oblique illumination



1010B



2010B



2017B