

PH-A14 Measuring Projector

Series 172

Measuring Projector PH-A14

- Horizontal-beam illumination makes the PH-A14 suitable for measuring the larger and heavier workpiece, such as toothed racks, punching tools, etc.
- Generous 203 x 102 mm stage travel and 45 kg allowable stage loading ensures a wide range of application.



172-810-10D
With optional evaluation unit QM-Data 200



KA Counter

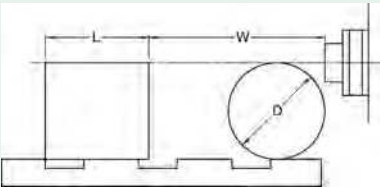


QM-Data200



332-151

Specifications	
Projected image	Inverted
Projector screen	Effective diameter : 356 mm/14" Screen material : Fine-ground glass Screen rotation : $\pm 360^\circ$, fine adjustment and clamp Angle reading : Vernier, graduation : 1' Resolution : 1' or 0.01° (switchable) Range : $\pm 370^\circ$ Reference lines : Cross-hairs
Projection lens	10X (172-011) Optional : 20X, 50X, 100X
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 Functions : Heat-absorbing filter, Cooling fan
Surface illumination	Light source : Halogen bulb (24V, 150W) Optical system : Vertical illumination Functions : Adjustable condenser lens, Heat-absorbing filter, Cooling fan
Focusing	Manual
Resolution	0,001 mm or 0,001 mm/0.0001" (using optional KA counter)
Power supply	220 - 240V AC, 50/60Hz
Mass	140 kg



L : Max. workpiece width
W : Working distance
D : Max. workpiece diameter

PH-A14	Magnification			
	10X	20X	50X	100X
View field	35.6	17.3	7.12	3.56
L	235	235	80	109
W	93	40	14.6	9.5
D	130	116	30.4	19