

PH-3515F Measuring Projector

Series 172

Measuring Projector PH-3515F

- Horizontal-beam illumination makes the PH-3515F suitable for measuring the larger and heavier workpiece, such as toothed racks, punching tools, etc.
- Generous 254 x 152 mm stage travel and 45 kg allowable stage loading ensures a wide range of application.

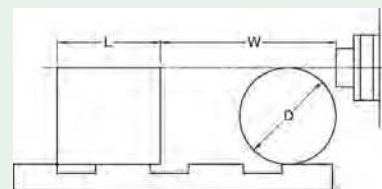


172-858D

Model	PH-3515F
No.	172-858D 172-858E
Remarks	172-858E UK only
XY stage travel range (mm)	254 x 152
Measurement method	Linear encoder
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Quick-release mechanism	X axis
XY stage table top size (mm)	450 x 146
Swiveling function	±10°
Max stage loading	45 kg

Specifications

Projected image	Inverted
Projector screen	Effective diameter : 356 mm/14" Screen material : Fine-ground glass Screen rotation : ±360°, fine feed and clamp Angle display : Digital counter (LED) Resolution : 1' or 0.01° (switchable) Range : ±370° ABS/INC mode switching, Zero Set Reference lines : Cross-hairs
Projection lens	10X (172-184) Optional : 5X, 20X, 50X, 100X
Magnification accuracy	Contour illumination : ±0.1% or better Surface illumination : ±0.15% or better
Contour illumination	Light source : Halogen bulb (24V, 150W) Optical system : Telecentric system Functions : 2-step (High/Low) brightness adjustment, Heat-absorbing filter, Cooling fan
Surface illumination	Light source : Halogen bulb (24V, 150W) Optical system : Vertical illumination Functions : Adjustable condenser lens, 2-step (High/Low) brightness adjustment, Heat-absorbing filter, Cooling fan
Focusing	Manual
Resolution	0,001 mm or 0,001 mm/0.0001"
Power supply	220 - 240V AC, 50/60Hz
Mass	150 kg



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

PH-3515F	Magnification				
	5X	10X	20X	50X	100X
View field	70.6	35.3	17.65	7.06	3.5
L	175	235	235	80	109
W	160 (64)	93 (35)	40	14.6	9.5
D	152.4	152.4	116	30.4	19

() When using surface illumination