

Technical Parameters

Projection Screen

Screen diameter	: $\Phi 300\text{mm}$
Rotation range	: $0^{\circ}\sim 360^{\circ}$
Resolution of the rotary angle	: $1'$
Accuracy	: $6'$

Worktable

Worktable area	: $340\text{mm} \times 152\text{mm}$
Range of X-coordinate	: $0\sim 150\text{ (mm)}$ Resolution: 0.001 (mm)
Range of Y-coordinate	: $0\sim 50\text{ (mm)}$ Resolution: 0.001 (mm)
Range of Z-coordinate (Focusing)	: $0\sim 90\text{ (mm)}$ (Focusing)
Accuracy of the instrument	: $(4+L/25)\mu\text{m}$, of which, L=length of the workpiece measured (unit: mm)
Load capacity of the worktable	: 5kg

Lighting Source

Transmission lighting	: $12\text{V } 100\text{W}$ Halogen tungsten lamp
Indirect lighting	: $24\text{V } 150\text{W}$ Halogen tungsten lamp

Overall Sizes Of The Instrument (mm)

: $380 \times 694 \times 1058$

Mainframe Weight

: 135kg

Ambient Environment Of The Instrument Service

Room temperature	: $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Relative humidity	: Not more than 60%

Objective Magnification Power	Objective Visual Field	Objective Working Distance
10 x	$\Phi 30\text{ mm}$	75.201 mm
20 x	$\Phi 15\text{ mm}$	69.599 mm
50 x	$\Phi 6\text{ mm}$	44.4 mm
100 x	$\Phi 3\text{ mm}$	26.243 mm
Errors of magnifying power: 0.08%		