

JT7A/B/E

Φ 1200 Horizontal Projector

Characteristics

- ➊ Imported Philip long-life halogen tungsten lamp is used to meet the requirement of long use time.
- ➋ Worktable has a larger moving range and strong bearing capacity, suitable for measurement of large-sized parts.
- ➌ Large area of projection screen can display the comparison indications of various large-sized complex parts in one time, with higher measurement efficiency.
- ➍ High-precision objective turntable is convenient for converting multiplying power and accurate in orientation.
- ➎ The deflection of worktable is $\pm 15^\circ$, convenient for measuring helical parts.
- ➏ Advanced raster sensor digital display technology and data processing system can achieve little error and high efficiency.

model	configuration
JT7-A	digital display box
JT7-B	computer, PCI card, hand controller 2-coordinate measurement software
JT7-E	Renishaw metal encoder, CNC automatic controller



Technical Parameters

Projection screen

Projection screen: $\phi 1200$ mm

Rotation range :360°

Rotation division value of projection screen: 1°

Resolution of the rotary angle: 1'

Worktable

Worktable area: 800mm x 230mm

Measuring range

Longitudinal direction: 300mm

Vertical direction: 200mm

Transverse direction: 60mm

Resolution: 0.001mm

Light transmission size of vertical square worktable: 310 x 205

Light transmission size of vertical circular worktable: $\phi 130$

stage deflection angle: $\pm 15^\circ$

Accuracy of the instrument: $(4+L/50) \mu m$, of which, L=length of the workpiece measured (unit: mm)

load capacity of the worktable: 100kg

Objective

Magnification Power	10 x	20 x	50 x	100 x
Object Visual Field	$\phi 120$ mm	$\phi 60$ mm	$\phi 24$ mm	$\phi 12$ mm
Object Working Distance	300mm	195mm	120mm	50mm

optic axis of lens

Maximum distance from stage: 255mm

Minimum distance from stage: 55mm

Tailstock

Maximum diameter gripped: $\phi 300$ mm

Maximum length gripped: 450mm

Lighting source

Transmission lighting: 24V 250W Halogen tungsten lamp

Reflecting lighting: 16V 150W Incandescent lamp

Overall sizes of the instrument (mm) : 3500 x 2320 x 2250

Mainframe weight: 4000kg