

# JT35A/B/E

## Φ 1500 Horizontal Projector

### Characteristics

- High-precision objective turntable is convenient for converting multiplying power and accurate in orientation.
- Worktable has a larger moving range and strong bearing capacity, suitable for measurement of large-sized parts.
- The deflection of worktable is  $\pm 15^\circ$ , convenient for measuring helical parts.
- Advanced raster sensor digital display technology and data processing system can achieve little error and high efficiency.
- square workstage, rotary workstage available to satisfy different work piece measuring requirement.
- special coating process used on the reflective mirror, better performance of the dustproof and easy to clean.
- SLR lens optical path design, less energy loss during transmission, better quality of the image on the screen.

model	configuration
JT35-A	digital display box
JT35-B	computer, PCI card, hand controller 2-coordinate measurement software
JT35-E	Renishaw metal encoder, CNC automatic controller



### Technical Parameters

#### Projection screen

Projection screen:  $\phi$  1500 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: 400mm

Vertical direction: 250mm

Transverse direction: 150mm

Resolution: 0.001mm

Light transmission size of vertical square worktable: 560 x 255

Light transmission size of vertical circular worktable:  $\phi$  330

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
Object Visual Field	$\phi$ 150mm	$\phi$ 75mm	$\phi$ 30mm
Object Working Distance	300mm	195mm	120mm

#### optic axis of lens

Maximum distance from stage: 255mm

Minimum distance from stage: 55mm

#### Tailstock

Maximum diameter gripped:  $\phi$  400mm

Maximum length gripped: 450mm

#### Lighting source

Transmission lighting: 24V 250W Halogen tungsten lamp

Reflecting lighting: 24V 150W Incandescent lamp

**Overall sizes of the instrument (mm) :** 4009 x 2905 x 2418

**Mainframe weight:** 6000kg