JT5A/B/E

Φ800 Horizontal Projector

Characteristics

➲ Horizontal light system, suitable for the measurement of work piece on production line

➲ Worktable has a larger moving range and strong bearing capacity, suitable for measurement of large-sized parts.

➲ The deflection of worktable is ±15°, convenient for measuring helical parts.

➲ The two high-and-low adjustable light intensities for transmission and indirect lightings can be adaptable for measuring requirements of different workpieces.

➲ Large area of projection screen can display the comparison indications of various large-sized complex parts in one time, with higher measurement efficiency.

➲ JT5A is equipped with digital display box to make data processing.

➲ JT5B is equipped with computer, 2-coordinate measurement software and hand controller, achieving the power operated measurement.

➲ JT5E is equipped with CNC automatic controller, achieving full-auto control measurement and data processing.

Technical Parameters

Projection screen

Projection screen: Φ800 mm

Rotation range :360°

Rotation division value of projection screen: 1°

Resolution of the rotary angle: 1′

Worktable

Worktable area: 630mm×200mm

Measuring range

Longitudinal direction: 300mm

Vertical direction: 200mm

Transverse direction: 80mm

Resolution: 0.001mm

Light transmission size of plane worktable（mm）：300×200

Light transmission size of circular worktable（mm）：Φ90

Rotation: ±15°

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

load capacity of the worktable: 50kg

Tailstock rack

Maximum diameter gripped: Φ200mm

Maximum length gripped : 300mm

Lighting source

Transmission lighting: 24V 250W Halogen tungsten lamp

Reflecting lighting: 16V 150W Incandescent lamp

Objective

Magnification Power	10×	20×	25×	50×
Object Visual Field	Φ80mm	Φ40mm	Φ16mm	Φ8mm
Object Working Distance	206mm	123.5mm	85mm	78mm

Overall sizes of the instrument (mm）： 2130×1800×1950

Mainframe weight: 1900kg