JX14B Toolmaker - Microscope

Features:

- JX14B Digital Large Scale Toolmaker's Microscope
- JX14B1 Digital Large Scale Toolmaker's Microscope

Characteristics

- JX14BThe photoelectrical technique is adopted, with a precision grating rule as a measurer for X- and Y-axle as a measurer, with readings direct-viewing and testing convenient.
- JX14B1The photoelectrical technique is adopted, with a precision grating rule as a measuring element for X- and Y-axle and a numbering device as a measuring element for the rotary worktable, to realize the length and angle full-display; with readings direct-viewing and testing convenient.
- With multiple eyepieces and objectives, the main microscope has a large scope of view field with clear image formation.
- The main microscope can oscillate left and right, suitable for the measurement for spiral parts.
- LED-illuminating lighting is adopted for transmission and reflecting illumination, with low heating power and long life.
- High-speed and micro-motion devices are adopted, which can be switched over quickly.
- The tailstock rack is installed to measure the axel-type parts.
- Multiple accessories are provided, with extensive uses.

Technical Parameters
Worktable

- Range of measurement
- X-coordinate: 150mm Y-coordinate: 75mm
- Resolution ratio: X- and Y-coordinate measurement 0.001mm
- Accuracy of the instrument: (2+L/50) μm, of which, L = measured length (unit: mm)
- Diameter of the circular worktable:
- Φ190mm(glass) Φ280mm(metal)
- Angle tilting range: ±12°
- Tailstock
- Maximum clamping diameter: Φ70mm
- Maximum clamping length: 190mm

Objective magnification	Gross magnifying power	Object working distance (mm)	Object visual field (mm)
1×	10×	79	Φ20
3×	30×	69	Φ6.7
5×	50×	49	Φ4

Overall sizes: 720×460×600
Weight: 100 kg