

JT27

φ 350 Digital Measuring Projector

Characteristics

- ① This instrument is in conformity with the design of update molding, compact in structures and convenient for operations.
- ② Real time showing the temperature of surface light, bottom light and work stage, auto alarm once the temperature is high.
- ③ Beautiful in its outward appearances, this instrument is of super-precision; casting aluminum is selected for the processing of worktables, light in weight.
- ④ In high quality in its optical system, the objectives are clear in imaging and accurate in multiplying factors.
- ⑤ The fiber transmission is adopted for the indirect lighting, which is small in dimensions, high in its brightness and convenient for uses.
- ⑥ The two high-and-low adjustable light intensities for transmission and indirect lightings can be adaptable for measuring requirements of different workpieces.



Technical Parameters

Projection screen

Screen diameter: φ 350 mm

Rotation range: 0° ~ 360°

Resolution of the rotary angle: 1'

Accuracy of the rotary angle: 4'

Worktable

Worktable area: 326mm × 150mm

Range of X-coordinate: 0~200 (mm) Resolution: 0.001 (mm)

Range of Y-coordinate: 0~80 (mm) Resolution: 0.001 (mm)

Range of Z-coordinate (Focusing): 0~100 (mm)

Accuracy of the instrument: $(3+L/75) \mu m$, of which,

L = length of the work piece measured (unit: mm)

Load capacity of the worktable: 5kg

Objective

| Magnification Power | 10 × | 20 × | 50 × | 100 × |
|----------------------------|--------|----------|-------|---------|
| Object Visual Field | φ 35mm | φ 17.5mm | φ 7mm | φ 3.5mm |
| Object Working Distance | 88mm | 81mm | 54 mm | 45 mm |
| Errors of magnifying power | 0.08% | | | |

Lighting source

Transmission lighting: 24V 150W Halogen tungsten lamp

Reflecting lighting: 24V 150W Halogen tungsten lamp (with reflection cup)

Ambient environment of the instrument service

Room temperature: 20°C ± 5°C

Relative humidity: Not more than 60%

Overall sizes of the instrument (mm): 775 × 440 × 980

Mainframe weight: 150 kg

Remarks on the Power Source

Rated voltage: 220V/110V

Frequency: 50HZ/60HZ