

JT300

φ 300 Digital Measuring Projector

Characteristics

- Use circular arc curve modeling, beautiful and easy to operate
- Use linear guide and no interference in the nut on the up and down system, more stable and easy to operate
- Patent coating process used on the reflective mirror, better performance of the dustproof.
- The two high-and-low adjustable light intensities for transmission lighting can be adaptable for different measuring requirements.
- Imported long-life halogen tungsten lamps are adopted to satisfy the requirement of long-time uses of the projector.
- In high quality in its optical system, the objectives are clear in imaging and accurate in multiplying factors.
- With axial flow blower fans, the bilateral heat radiation can provide super-strong radiating power.

Technical Parameters

Projection screen

Screen diameter (mm) : Φ300

Rotating range : 0° ~ 360°

resolution of the rotary angle : 1'

Accuracy of the rotary angle : 6'

Objective

Magnification Power	10×	20×	50×	100×
Object Visual Field	φ 30mm	φ 15mm	φ 6mm	φ 3mm
Object Working Distance	75.201mm	69.599mm	44.4 mm	26.243
Errors of magnifying power	0.08%			

Worktable

Size of worktable : (400 × 225) mm

worktable travel (optional) : X = 200mm Y = 100mm Z = 80mm

Resolution: 1 μm



Accuracy of X and Y coordinate value: $(3+L/75)$ μm, of which,
L=length of the work piece measured (unit:mm)

Load weight of worktable : 5kg

Illumination source

Transmission illumination 12V 100W Tungsten halogen lamp

Reflecting illumination 24V 150W Tungsten halogen lamp

Outer dimensions of the instrument(mm)

L694 × W380 × H1065

Operating environments: Room temperature is $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and the relative humidity does not exceed 60%.

Instrument weight: 180kg