

800 Profile Projector

Features:

- JT5Aφ800 digital measuring projector
- JT5Bφ800 data processing projector
- JT5Eφ800 full-auto projector
- **Characteristics:**
 - The in-line type is adopted for the objective, cone fitted, compressed by spring, accurate in central location.
 - It is equipped with circular worktable which can be turned around in all directions, convenient for measuring gear parts
 - The deflection of worktable can be $\pm 15^\circ$, convenient for measuring shaft-like helical parts;
 - Advanced raster measurement technology and data processing system of full and complete function can achieve high efficiency with small error;
 - Worktable of large travel range is adopted, having strong load capacity.
 - JT5A adopts advanced raster sensor technology to measure data and digital display and the motor controlling the movement of worktable
 - JT5B is equipped with computer and two-coordinate measurement software, achieving convenient and fast measurement and the motor controlling the movement of worktable.
 - JT5E, the full-auto projector, providing the motor for full-auto control of the movement, has rich functions of its software, including automatic edge- tracing system.
 - Horizontal light-path is adopted, convenient for the measurement of the measured parts processed online.

Usages:

Technical Parameters

- Projection screen
- Projection screen: $\phi 800$ 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
- Rotation: $\pm 15^\circ$
- Accuracy of the instrument: $(4+L/50) \mu\text{m}$, of which, L=length of the workpiece measured (unit: mm)
- load capacity of the worktable: 50kg
- Tailstock rack
- Maximum diameter gripped: $\phi 200\text{mm}$
- Maximum length gripped: 300mm
- Lighting source
- Transmission lighting: 24V 250W Halogen tungsten lamp
- Reflecting lighting: 16V 150W Incandescent lamp

Objective

Objective Magnification Power	10X	20X	50X	100X
Object Visual Field (mm)	$\phi 80$	$\phi 40$	$\phi 16$	$\phi 8$
Object Working Distance (mm)	206	123.5	85	78

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

Mainframe weight: 1900kg