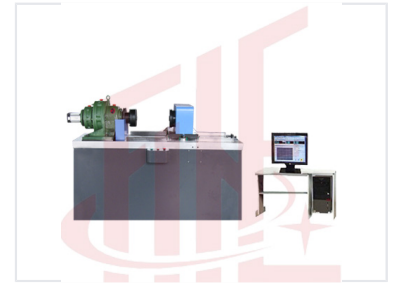


# Computer Controlled Torsion Testing Machine

This machine applies to the torsion test of metal or nonmetal materials and some parts. The load system is the computer-controlled AC servo control system.



## ADDITIONAL IMAGES



## Overview

### Precision Torsion Testing

This microcomputer-controlled torsion testing machine is engineered for high-precision torsional performance testing of metal and non-metal materials. Utilizing an imported AC servo control system, it delivers accurate torque and angle measurements with dynamic real-time screen display. It is an essential tool for aviation, construction, and research laboratories requiring reliable material characterization.

## Key Metrics

### Performance Highlights

**2000 Nm**

Max Torque Capacity

**9999.9 °**

Torsional Angle Range

**500 mm**

Max Collet Distance

## Technical Specifications

### Model Specifications

Feature	NJ-W500	NJ-W1000	NJ-W2000
Max Test Torque	500Nm	1000Nm	2000Nm
Torque Display Range	10-500Nm	20-1000Nm	40-2000Nm

### Accuracy & Precision

- Relative Error of Torque Display:  $\pm 1\%$
- Repetitive Error of Torque Display:  $\pm 1\%$
- Relative Error of Torsional Angle Display:  $\pm 1\%$

## Physical & Electrical

### Physical Dimensions & Power

- Host Machine Dimensions: 1650x530x1000mm
- Weight: 600kg
- Power Supply: 220V±10%, 50Hz

## Applications

### Suitable Industries

Aviation & Spaceflight, Construction Trade, Transportation Trade, University Research, Material Science Labs