

# Metal Wire Bending Fatigue Tester

This machine is mainly used for pilot and plane testing of cold-formed steel or metal wire through repeated bending. It assesses the performance of metals under cold forming conditions, adhering to GB/T 238-2002 standards for repeated bending tests.



## Overview

### Metal Wire Bending Fatigue Tester (Model JWJ-10)

The JWJ-10 is a specialized testing machine designed to evaluate the cold-bending performance of metal wires, including steel and other alloys. It conforms to GB/T 238-2002 standards, making it an essential tool for quality control in industries such as construction, prestressed steel manufacturing, and research laboratories. The machine features a compact, stable design with stepless speed control, ensuring reliable and repeatable test results for various wire diameters.

## Technical Specifications

Bending Diameter Range	3 - 10 mm
Bending Angle	± 90°
Bending Rate	d 60beats/min (stepless)
Sample Length	150 mm

## Performance Metrics

### Motor Power

**1.1 kW**

Motor Power

## Physical Attributes

Dimensions	740 x 628 x 1120 mm
Weight	200 kg

## Features

### Key Features

- Stepless speed testing
- Interchangeable clamping jaws for various specifications
- Stable and compact structure
- Low noise operation
- Easy maintenance and reliable design

## Compliance

Standards Compliance	GB/T 238-2002
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