

## Mitech MJWJ-10 Metal Wire Repeated Bending Test Machine

### Overview

Mitech MJWJ-10 metal wire repeated bending test machine, controlled by the single-chip testing machine speed, can be positive for the plane positive and negative bending test, the performance is stable, simple operation, robust structure, simple structure, high efficiency. Widely used in steel mills, construction site bending and testing steel rebar bending test, it is to improve production efficiency and save production costs essential professional precision testing equipment.

### Technical Parameters

Technical Parameters	MJWJ-10
Specimen diameter range	0.3-10mm
Sample length	150-250mm
Bending angle	$\pm 90^\circ$
Count range	0-99999
Display characteristics	LCD digital display
Motor power	1100W
Power supply	380V
Dimensions	740*628*1120mm
Total Weight	200kg

### Working Principle

Test machine measured by the sensor force generated by the signal into the measurement amplifier into the A / D converter into a digital signal is accepted by the computer system, the digital processing, the computer system to deal with the operation of A / D conversion The signal from the LCD display data

### Features

- Widely used in metal wire bending test repeated to test the metal wire in repeated bending to withstand the plastic deformation of the performance and display of defects;
- Novel shape, strong structure, accurate control, balanced operation, easy operation;
- The use of SCM control, high efficiency, especially for continuous testing;
- Digital display test results, intuitive readings, high test efficiency;
- Plane positive, reverse bending test arbitrary choice, the angle set arbitrarily;
- In line with GB, ISO, ASTM and other relevant standards at home and abroad.

### Scope of Application

- Widely used in metal wire repeat bending test.

### Applications

- Metal wire manufacturing quality control links
- Scientific research teaching experiment in colleges and universities
- Materials research and testing institutes
- Quality inspection departments of quality testing

**Working conditions**

- Operating temperature: room temperature ~ 45 °C;
- Relative humidity: 20% to 80%;
- No vibration around, no corrosive media, no strong magnetic field interference;
- Horizontal installation on a solid basis;
- Supply voltage fluctuations do not exceed 10% of the rated voltage.

**Configuration**

Standard Configuration	No.	Item	Quantity	Note
	1	Testing machine host	1	
	2	Control system	1	
	3	Attached fiels	1	

**Maintenance and care**

- Before using this instrument, please read the instruction manual carefully, understand the operation steps and precautions, avoid the damage caused by improper operation or personal safety accident;
- Test machine is a large precision instruments, should pay attention to water, moisture. Exposed workstations, upper and lower beam parts and attached parts should be coated with anti-rust oil to prevent rust;
- If idle for a long time, test it at least once a week to prevent rusting
- Don't disassemble the instrument without authorization, maintenance related matter, please contact MITECH after-sale service department with 4000600280.