

1. Model: WDW-S1, WDW-S2, WDW-S5**2. Product name: digital display electronic universal testing machine****3. applications and characters of testing machine**

This series testing machine, adopting micro-computer control and data collecting system, can realize full digital adjustment to data collecting and control procedure. In the tensile testing, the testing machine can check Max. tension force, tension strength, deformation, elongation for various materials. All the test parameters can be calculated and display on the LCD screen of controller. Through the controller, test parameters and test results can be saved and printed if equip with a micro-printer.

4.Character of main machine:

high precision, entirely stamping cover, attractive and clear appearance.

Adopting high precision ball screw, high stability

Main parts are manufactured in machining center, high precision of main machine

6.Character of servo loading system

Adopting famous brand servo motor and driver, high effective, low noise, high driving rigid, high accelerated speed, high reliability and small adjusting link. Speed of cross beam various from 0.2mm/min to 500mm/min. It has the functions of over current and over voltage protections.

This series testing machine adopts microcomputer control. Constant displacement control can be done during test, high immunity from interference, high stability.

6. Spec. of testing machine

| No. | Item | Spec. |
|-----|-------------------------------|---|
| 1 | Max. test force | 500N,1KN,2KN,5KN |
| 2 | Frame type | Gate type or single column type |
| 3 | Measuring range of test force | 2%-100% |
| 4 | Load accuracy | ±1% |
| 5 | Resolution of test force | 0.1N |
| 6 | Speed of crossbeam | 0.2mm/min – 500mm/min |
| 7 | Speed accuracy | ±1% |
| 8 | Displacement resolution | 0.01mm |
| 9 | Stroke of crossbeam | 0-800mm |
| 10 | Protection function | Auto stop when force exceeds 2% to 5% of max. force |
| 11 | Voltage and power | Single phase 220V±10%, 400W |
| 12 | Dimension of main machine | 400X415X1550mm |