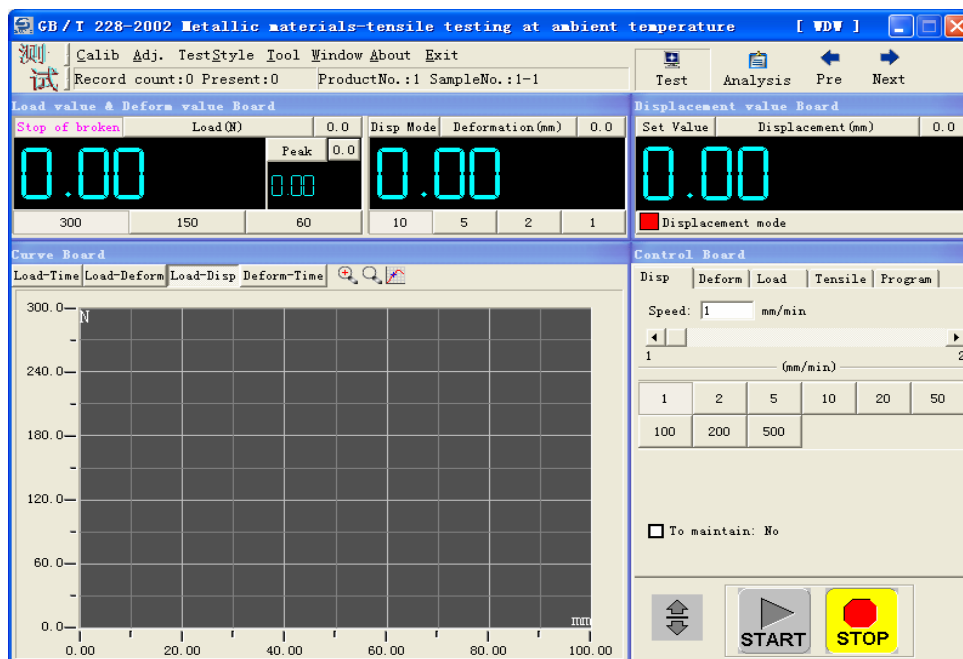
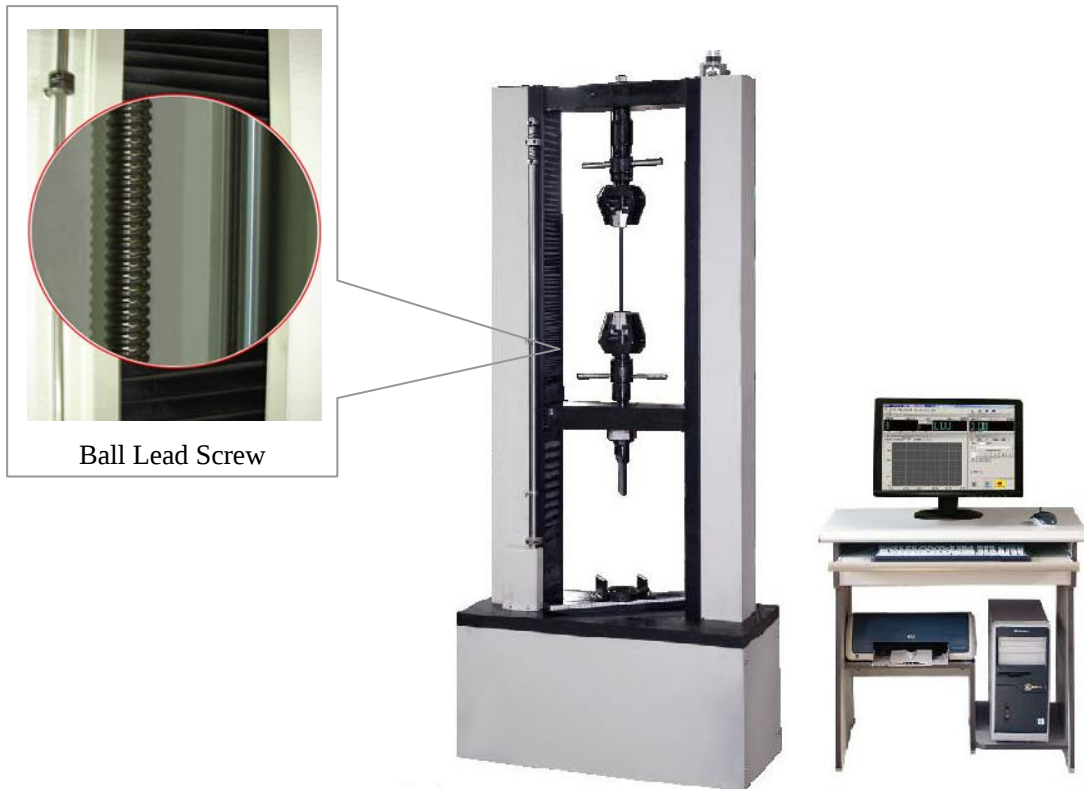


## DW-A ELECTRONIC STRENGTH TESTING MACHINE



Online Interface

## MODEL NO.

**DW-10/20/50/100A**

## APPLICATION

This unit is designed for a wide range of applications, such as the elongation, bending, compressing, tensile, tests of rubber, plastic, steel bar, other metal, etc.

## RELATED STANDARDS

|           |                           |                                          |                  |
|-----------|---------------------------|------------------------------------------|------------------|
| STANDARDS | GBT 8813-2008, GBT 1041   | ASTM D 638-91,<br>ASTM D 2990, ASTM D695 | ISO 844, ISO 604 |
|           | GB/T8804, GB 228, GB 1040 | GBT 9341-2000,<br>GB/T 1041-1992         | GB/T1446-1983    |

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

## FEATURES

- Computer control main machine, easy to operate;
- Precise crosshead guidance via steel columns with carriages seated on ball bearings
- Universal software for various material;
- Accurately Positioning system with servo motor (Panasonic, Japan) and ball screw lead support;
- Real time display of on-going testing with data, curve, graphic, and table by personal computer;
- Protection: overload, over-current, over-voltage protection, and memory function when power interrupt;
- Wide force range to meet various requirement for testing different materials

## KEY SPECIFICATION

- Capacity 10kN,20KN,50KN,100KN
- Load cell accuracy grade 0.05
- Load measurement accuracy  $\pm 1\%$   
 $\pm 0.5\%$  for special use as per customer's requirement
- Jog speed & return speed 0.01~500mm/min
- Max crosshead travel(including grips) 600mm
- Position measurement accuracy 0.01mm
- Effective width 400mm

- Power supply 220V, 50Hz
- Instrument dimension 600×800×1900mm (L×W×H)
- Instrument weight 400-600kg(according to different capacity)

#### STANDARD CONFIGURATION

| No. | Item                              | Quantity  |
|-----|-----------------------------------|-----------|
| 1   | Main machine with PC port         | 1set      |
| 2   | Personal computer                 | 1set      |
| 3   | Printer                           | 1set      |
| 4   | Load cells(10KN,20KN, 50KN,100KN) | specified |
| 5   | Manual clamp                      | 2 pairs   |
|     | Tensile strength clamp            | 1 pairs   |
|     | Compression or other purpose      | 1 pairs   |
| 6   | Software                          | 1 CD      |

#### OPTIONAL ACCESSORIES

| No. | Item                                                                                                                                                                                                                                                                                  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Load cells (1KN,2.5KN,5KN,10KN,20KN, 50KN,100KN)                                                                                                                                                                                                                                      |
| 2   | Jaw<br>Jaw face 1: for 0-7mm metallic flat<br>Jaw face 2: for 7-14mm, metallic flat<br>Jaw face 3: for 14-20mm,metallic flat<br>Jaw face 4: for Φ4-9mm, metallic cord<br>Jaw face 5: for Φ9-14mm, metallic bar<br>Jaw face 6: for Φ14-20mm, metallic bar<br>Or specified by customers |
| 3   | Manual grips 1.Geotextile Elongation<br>2.Geotextile Bursting test<br>3.Fabric Belt Test<br>4. Compressing test<br>5. Metal Bending test<br>6. Metal Strength                                                                                                                         |



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|   |                                                                              |
|---|------------------------------------------------------------------------------|
|   | 7.ball bursting strength<br>Can tailor make grips to customers' requirement. |
| 4 | Extensometer                                                                 |