

# Intelligent Electronic Tensile Testing Machine HY-DTT-08Z (High Force Value)

## Especificaciones :

### Introducción detallada :

Testing Principle  
Compliant with standards  
Technical Parameters  
Configuration

#### Testing Principle

Under the grip of the fixture, the sample is pulled or pressed by the motor servo and the lead screw.

The force sensor located on the movable chuck and the built-in displacement sensor of the machine collect the force value change and displacement change during the test, Thus, the performance indicators such as tensile, tearing and deformation rate of the sample are calculated.

#### Compliant with standards

GB 8808?GB/T 1040.1-2006?GB/T 1040.2-2006?GB/T 1040.3-2006?GB/T 1040. 4-2006?GB/T 1040.5-2008?GB/T 4850-2002?GB/T 12914-2008?GB/T 17200?GB/T 16578.1-2008?GB/T 7122?GB/T 2790? GB/T 2791?GB/T 2792?GB/T 17590?ISO 37?ASTM F1306?ASTM E4?ASTM D882?ASTM D1938?ASTM D3330?ASTM F88?ASTM F904?JIS P8113?QB/T 2358?QB/T 1130

### Technical Parameters

| Indicators           | Parameters  |
|----------------------|---|
| Sensor specification | 5000 N (standard configuration)<br>2000N?3000N (optional) |
| Force value accuracy | better than grade 0.5                                     |
| Display resolution   | 0.001N  |
| Test speed           | 0.1~500mm/min   |
| Speed accuracy       | 1% to 100% of maximum speed                               |
| Sample quantity      | 1 piece   |
| Sample width         | Standard fixture 50mm                                     |
| Sample clamping      | Manually  |
| Stroke               | 600mm (other stroke range can be customized)              |
| Overall dimension    | 400mm (L) × 500mm (W) ×1500mm (H)                         |

Power supply

220VAC±10% 50Hz

Net weight

Around 120kg

### **Configuration**

Standard configuration: host computer, professional software, LCD touch screen, micro printer.  
Optional: standard pressure roller, test plate, sampling knife.