

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

Specifications :

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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) 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.