

## Dual Arm Tensile Strength Test Machine (TL-402)



### **Detailed Description**

This machine widely applies in rubber, plastic, wire and cable, textiles, waterproof materials, non-woven fabrics and other non-metallic materials and metal wire, metal foil, sheet metal and metal bar the mechanical experiment, cooperate with special fixture to test all kinds of finished product stretching, compression, stripping, shear, tear. Also can realize constant stress, constant strain, creep, relaxation and closed loop test, special device can complete after reversing, cupping test items, etc.

### **Features**

1. Very good design for appearance, the surface is used electrostatic spray figure
2. Adopt international famous brand, such as Panasonic servo system, the key load sensors, nanometer accurate photoelectric encoder, etc.
3. Arc-gear synchronous belt deceleration system, with high efficiency, long life, low noise maintenance-free advantages. All digital pulse phase-locked loop position control mode, no zero drift, no disorder.
4. Adopts high precision ball screw loading, loading smoothly, machine long life, good stability and energy saving for the long term

5. Multiple protection measures: Power link has all kinds of electric protection, the software part of the overload, ultra displacement protection, mechanical mandatory safety limit protection etc.

6. Easy operate, reliable and function formidable user interface

7. This system can be conversion in N, LB, KG

### **Specifications:**

LOAD CELL: 5~2000N (optional)

Load resolution: 1/1000 (5-100N), 1/100 (250-1000N), 1/10 (2500-5000N)

Load accuracy:  $\leq 0.8\%$

Speed range: 15—500mm/min (special testing speed can be customized according to customer demand)

Test stroke: 950mm (excluding fixture, Special testing space can be customized according to customer demand)

Test width: 380mm( Special testing width can be customized according to customer demand)

Power: 220V 50HZ

KVA:  $\approx 600W$

Weight:  $\approx 100kg$

Standard: GB, JIS, ASTM, DIN

Accessories: Clamp 1set, power line 1 pcs