



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

5000N Single Arm Computer Servo Tensile Strength Testing Machine ISO10319 & ISO12236





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **BS EN ISO 10319 BS EN ISO 12236**
- Model Number: **YY1311**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Case**
- Delivery Time: **10-15 days**
- Payment Terms: **Western Union T/T L/CPaypal**
- Supply Ability: **3 sets per month**
- Share to :

5000N Single Arm Computer Servo Tensile Strength Testing Machine ISO10319 & ISO12236

Description:

This tensile machine can do various tensile testing in the field of rubber, leather products, plastics, chipboards, foam, plastic, film, flexible packaging, pipes, textiles, geotextile and geosynthetics products, fibers, nanomaterial, polymers, composite materials, synthetic materials, packaging, paper, wire and cable, fiber optic cable, wire cables, seat belt, leather belt, shoes, tape, polymer, copper, spring steel wire, stainless steel, castings, brass, non-ferrous metals, car parts, alloys and other non-metallic materials and metallic materials tensile, compression, bending, tearing, and 90 ° peel, 180 ° peel, shear adhesion, pull-out strength, an extension of the elongation test.

Use Multi-threaded parallel processing make the software can display “Force-Displacement”, “Force-Time”, “Displacement-Time” and “Stress-Strain” curves simultaneously, so you can switch to any graph which you want to see and check the user settings.

Opening testing results edit method make user get any wanted test data. Up to 400 (such as maximum force, minimum force, fracture force, peel strength, tensile strength, shear strength, tear strength, maximum deformation, yield strength, elongation, elastic modulus, ring stiffness, non-proportional elongation, minimum force range, average force range and elongation under constant force) can be called by user.

Standards:

BS EN ISO 10319, BS EN ISO 12236 CBR Puncture Resistance

Standard accessories:

BS EN ISO 10319 Tensile strength fixtures 1 set, BS EN ISO 12236 plunger, clamping system

Computer test software 1 set,

English manual book 1 pcs.

Specification:

Capacity	500KG (5000N)
Effective load range	0.4%~100%
Load accuracy	±0.5% of value
Display	Computer Test Software
Units	Kg,lb,N
Data sampling frequency	200times/sec
Load solution	1/±250000 of max load
Load sensor	Pull and press sensor(max load)
Effective test width	150mm
Effective stroke	500mm
Test speed	50-500mm/min
Displacement accuracy	±0.5%
Returning function	Manual or automatic two option, after test the up fixture will return to the initial position
Safety device	Electronic process for limit procession
Overload protection	If 10% over than max load,machine will automatic stop for protection
Result print	Outside printer that connect to computer
Grip	Tensile fixture 1 set
Machine Size	420×350×1520mm
Machine weight	Approx. 50 Kg
Power	220V±10% 0.2KW/0.4KW

Net weight: 75KG, Gross weight: 95KG; Plywood box size: 50*45*160cm

Accessories:

Grips:

1) Tensile strength Test



2) Tear strength Test



3) Resistance to seam slippage Test:



BS EN ISO 10319 clamping system



BS EN ISO 12236 clamping system



Clamp for extensometer:

