



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

### Automatic Textile Testing Equipment Electronic Yarn Reel Tester





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- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **ASTM D1907 ASTM D2260 ISO 2060 BS 2010 DIN 53830**
- Model Number: **YY821**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **5-10 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 sets per month**

- Share to :

## **Automatic Textile Testing Equipment Electronic Yarn Reel Tester and Wrap Reel Tester**

### **Usage:**

Electronic Wrap Reel is designed to produce skeins of yarn of a pre-determined length and number of turns for count and/or strength testing. Complete with yarn package stand and pre-tension device, fitted with pre-determined counter.

### **Standards:**

ASTM D1907 Textile Testing Equipment Standard Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method

ASTM D2260 Tables of Conversion Factors and Equivalent Yarn Numbers Measured in Various Numbering Systems

ISO 2060 Textiles -- Yarn from packages -- Determination of linear density (mass per unit length) by the skein method

BS 2010 Method for determination of the linear density of yarns from packages

DIN 53830 Testing of textiles; determination of linear density of single and plied yarns (reel method)

### **Characteristics:**

1. Electronic Wrap Reel Use MCU to control unit, allow numeric programming parameter (such as speed, bobbin number, reel presetting parameters are pre-settable), and auto tracking speed of reel, have two start up model (hard startup, soft start up), all make unit work consistently and stably;
2. Precision DC speed regulating motor with synchromesh belt makes precisely positioning;

3. Numeric speed controlling panel, make unit work consistently and stably;
4. Two optional start up mode (hard start up, soft start up), do not break yarn when start up;
5. Electronic limit trips, total rev number and user programmable stops;
6. Closed-loop controlled and speed tracking system, Ensure to keep even speed when Voltage is variable.

**Specifications:**

Model	YY821
Reel circumference	1000mm (metric system)
Rev of reel	25-300 RPM (numeric pre-settable)
Interval of spindle	65cm
Number of wrap	2~9999 Rev(pre-settable)
Programmable stop	1~9 rev(pre-settable)
Traveling reciprocating distance	35mm±1mm
Reeling pre-tension	0~100cN (pre-settable)
Instrument Size	780×660×480mm
Instrument weight	50kg

**Features:**

1. Timing cog belt of direct transmission, No-lap skid
2. Countint by Optocoupler
3. Import electronic tension sensors, dynamic display the around yarn tension, no additional tension impact (B type)

