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FANYUAN INSTRUMENT (HF) CO., LTD.
DOWELL SCIENCE AND TECHNOLOGY (HK) CO., LTD.
ADD: Tianyuan Road 9#, High-tech Zone, Hefei City, China Postal Code: 230088
TEL: +86-551-65232508
FAX: +86-551-65232507
Email: sales@hkdownell.com
Website: http://www.fyichina.com.cn

YG021D ELECTRONIC SINGLE END YARN STRENGTH TESTER



*We offer reliable and stable products,
their precise technical data, and timely
and enthusiastic service*

*High performance
and low expense*



MODEL NO.

YG021D

APPLICATION

Single End Yarn Strength Tester is used to determine the breaking load and extension of single yarns, core-spun yarn etc. up-to 50000 centi-grams force.

RELATED STANDARDS

STANDARDS	ISO 2062	ASTM D2256	BS 1932.Pt.2
	DIN53842.1, DIN53835.2	KS K0409	

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

FEATURES

- Use 16bit Industry-grade MCU, large blue LCD panel (Jingcai, Chinese Taiwan), operator simply inputs test data by many kinds of characters, real time display elongation diagram and test data.
- Accurately Positioning system with servo motor (Panasonic, Japan) and ball screw lead support, low noise and run smoothly;
- Choose English or Chinese displaying mode obviously, with memory function when power interrupt, and up to 300 groups data storage;
- Operator can use LCD control panel to control the machine and print out testing report by stylus printer without PC;
- Test function includes elongation with constant speed, load at specified elongation, elongation at specified load, tear and peel etc.
- Gauge length and tension speed presettable;
- Able to set pre-tensile force;
- Many kinds of clamp are selectable according to requirements test standards, including pneumatic clamps.

KEY SPECIFICATION

- Capacity and resolution 5000cN, 1.0cN; 12000cN, 1.0cN; 50000cN, 0.1N
- Accuracy ±0.5%



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- Gauge length 50~500mm (digital preset)
- Max elongation (with grips) 750mm
- Speed 50~1000mm/min (digital preset)
- Position accuracy 0.1mm
- Preset tension mode A: adding weight; B: Set by procedure
- Power supply AC220V±10%, 50Hz, 100W
- Instrument Size 550×510×1380mm (L×W×H)
- Weight 95kg

STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine with PC port	1set
2	Stylus printer	1set
3	Manual clamp	1 set

OPTIONAL ACCESSORIES

No.	Item
1	Personal computer with software