

# 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

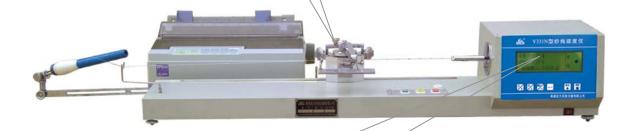
TEL: +86-551-65232508 FAX: +86-551-65232507 Email: sales@hkdowell.com

Website: http://www.fyichina.com.cn

## **Y331A-II Digital Reeling Twist Tester**



GRIP WITH PRE-TENSION DEVICE







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### MODEL NO.

#### **Y331A-II**

#### **Application:**

**Digital Reeling Twist Tester** is designed to determine single or plied yarns twist by conventional or untwist/re-twist methods.

### **Related Standards:**

STANDARDS	GB/T2543.1/2, 14345	FZ/T 10001
	ISO 2061	ASTM D1422/1423

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

#### **Features:**

- Controlled by microcomputer, large-screen LCD displayer (made in CHINESE TAIWAN), support both Chinese and English menus by switch, man-machine interactive dialogue operation;
- With data storage function when power off, query up to 300 groups data, and print out test report in English or Chinese optionally;
- "zero" position is detected by optocouple sensor to avoid "zero" shift caused by Hall sensor;
- Right sample grip is derived high-performance direct-drive stepper motor, rotational speed can be arbitrary preset to avoid the problems of brush wear and spark interface which is caused by DC motor completely;
- Add the pre-tension at horizontal direction.

#### **Key Specification:**

Test methods
Direct count;
Once twist/retwist method

3. Twice twist/retwist method; 4. Triple twist/retwist method

• Sample length 25,50,100,250,500(mm) (selectable)

Range of tested yarn
1~499.9tex

• Range of test 1~9999.9 twist

• Rotational speed 300~1200r/min (adjustable)

Metallic scale accuracy 1mm

• Power supply AC220V 50Hz 20W

• Instrument size  $1070 \times 240 \times 200 \text{mm}$ 



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Instrument weight

30kg

### **Standard configuration:**

No.	Item	Quantity
1	Main machine	1 set
2	Left sample gripper	1 pcs
3	Magnifier	1 pcs
4	Pre-tension weights	1 set
5	Analysis needle for plied yarn	1 pcs
6	Fuse	5pcs

## **Optional Accessories:**

No.	Item
1	Panasonic 24-pin printer