



WWW.FYICHINA.COM.CN

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>

FY111F FIBRE CRIMP TESTER



MODEL NO.

FY111F

APPLICATION

FY111F Fibre Crimp Tester is suitable to determine crimping performance of single chemical fibre and natural fibre. It is widely used in production enterprises, testing organizations and scientific research units for chemical fibre, textile, etc.

It adopts the image processing technology to automatically count the number of crimps of the fibre under light load and in length of 25mm;

Measure load value by load cell and fibre length under given light or heavy load to calculate crimp ratio of fibre;

Determine fibre length after relaxation due to the effect of heavy load to calculate crimp elastic recovery rate.

STANDARDS

STANDARDS	GB/T 14338-1993		
-----------	-----------------	--	--

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

FEATURES

- Automatically determine crimp ratio, crimp elastic recovery rate and number of crimps;
- Quick test, high accuracy, easy to operate;
- Equipped with computer and printer.

KEY SPECIFICATION

- Load measurement range 0~2000 (10^{-3} cN)
- Load resolution 0.1 (10^{-3} cN)
- Load measurement error $\leq \pm 1\%$
- Clamping length 20mm
- Stroke of lower clamp 40mm
- Length resolution 0.01mm



WWW.FYICHINA.COM.CN

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>

- Timing auto
- Measurement of crimp No. auto
- Crimp counting length 25mm
- Power supply 220V ± 10%
- Dimensions of main machine 510×340×420mm
- Weight of main machine 20kg

STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine	1set
2	Computer	1set
3	Inkjet printer	1set

OPTIONAL ACCESSORIES

No.	Item
1	
2	