



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.
ADD: TIANYUAN ROAD 9#, HIGH-TECH ZONE, HEFEI CITY, CHINA
POSTAL CODE: 230088
TEL: +86-551-68105003
FAX: +86-551-65232507
EMAIL: SALES@HKDOWELL.COM

YG003E/005E ELECTRONIC SINGLE FIBER STRENGTH TESTER



YG003E



YG005E



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.
ADD: TIANYUAN ROAD 9#, HIGH-TECH ZONE, HEFEI CITY, CHINA
POSTAL CODE: 230088
TEL: +86-551-68105003
FAX: +86-551-65232507
EMAIL: SALES@HKDOWELL.COM

MODEL NO.:

YG003E/005E

APPLICATION:

YG003E/005E Electronic Single Fiber Strength Tester is used to determine the breaking strength and elongation at break of single textile fibers, such as, cotton, wool, ramie, silk, glass fiber and chemical fibers.

RELATED STANDARD:

STANDARDS	ISO 5079	ISO 11566	ASTM D3822	BS 4029
------------------	----------	-----------	------------	---------

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

FEATURES:

- Micro-computer control and LCD display, real time display test results;
- Precise Load cell with resolution of 0.01cN;
- Super subdivision stepper motor from South Korea and precise ball screw;
- Manual clamp for YG003E or pneumatic clamp for YG005E;

KEY SPECIFICATION:

Model No.	YG003E	YG005E
Clamp type	Manual	Pneumatic
Load cell & accuracy	200cN ± 0.5%	
Force resolution	0.01cN	
Gauge length	10~60mm, digitally-settable	5~60mm, digitally-settable
Max. extension	150mm	
Tensile speed	2~100mm/min	
Power supply	AC220V 50Hz	



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.
ADD: TIANYUAN ROAD 9#, HIGH-TECH ZONE, HEFEI CITY, CHINA
POSTAL CODE: 230088
TEL: +86-551-68105003
FAX: +86-551-65232507
EMAIL: SALES@HKDOWELL.COM

STANDARD CONFIGURATION:

No.	Item	Quantity
1.	Main machine	1set