

## FANYUAN INSTRUMENT (HF) CO., LTD. DOWELL SCIENCE AND TECHNOLOGY (HK) CO., LTD.

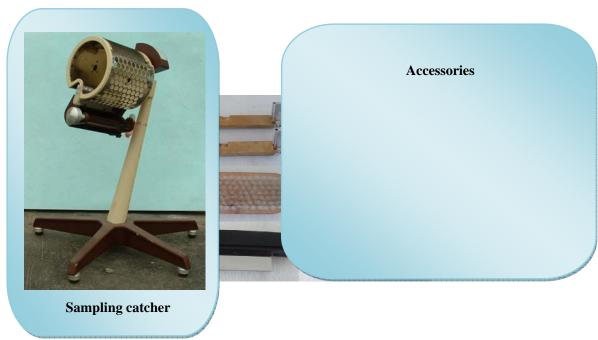
ADD: Tianyuan Road 9#, High-tech Zone, Hefei City, China Postal Code: 230088

TEL: +86-551-5232508 FAX: +86-551-5232507 Email: sales@hkdowell.com

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

### **KX730 FIBROGRAPH**







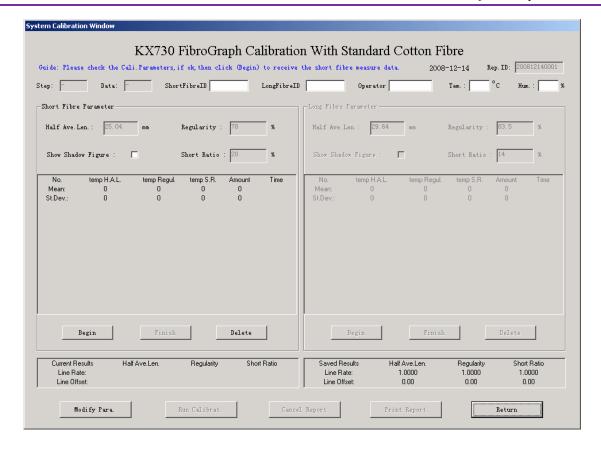
## FANYUAN INSTRUMENT (HF) CO., LTD. DOWELL SCIENCE AND TECHNOLOGY (HK) CO., LTD.

ADD: Tianyuan Road 9#, High-tech Zone, Hefei City, China Postal Code: 230088

TEL: +86-551-5232508 FAX: +86-551-5232507

Email: sales@hkdowell.com

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



#### MODEL NO.

### **KX730**

### APPLICATION

**FIBROGRAPH** is used to determine cotton fiber mean length, upper half mean length and uniformity index by photo-electric method.

This instrument is designed according to random distribution theory of cotton fiber length, and the theory of that light intensity through fiber bundle has a negative relation with fiber number within fiber bundle cross section.

### **STANDARDS**

Standard GB1103, GB/T 13781 ISO 4913 ASTM D1447

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

# 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: +86-551-5232508 FAX: +86-551-5232507 Email: sales@hkdowell.com

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

### **FEATURES**

- Use PC on-line technology, and get cotton fiber length shadow curve, fiber mean length, upper half mean length and uniformity index, etc.
- CPU generates trigger plus to control step motor speed, and drive sampling comb with required step-size, easy to control data frequency;
- High quality LED light source, sensitive silicon photocell to receive light signal, simple operation;
- PC auto process data, generate fiber length curve after post-fitting, and then get cotton fiber mean length, upper half mean length, uniformity index and short fiber content;
- Calibration instrument by computer, and create database ( storage, inquire, print, etc);
- Special designed sampling device, easy to sample.
- Fast test speed, test one test result only need 20~30s.

### **KEY SPECIFICATION**

• Length range of cotton fiber 18mm ~42mm

Tolerance of fiber length ±0.5mm
Tolerance of uniformity ±1.5%

• Sample quantity 10~50mg (permeation rate 10%~30%)

• Sample step range 550~950,  $\pm 5$ 

• Power  $220V \pm 10\%$ , 50Hz

• Dimension  $500 \times 240 \times 180 \text{mm}$ 

• Weight 5kg(main machine)

### STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine with PC port	1set
2	Sampling catcher	1set
3	Sampling comb	2pcs
4	Clean-up brush	1pcs
5	Hair brush	1pcs
6	Standard length ruler	1pcs
7	Standard optical calibration board	1pcs
8	Software	1CD



## 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: +86-551-5232508 FAX: +86-551-5232507

Email: sales@hkdowell.com Website: http://www.fyichina.com.cn

### **OPTIONAL ACCESSORIES**

No.	Item	Quantity
1	Computer and software	1set
2	ISO standard calibration cotton	1set