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## ZK100F FIBRE FINENESS TESTER (VIBRATION METHOD)





## MODEL NO.

**ZK100F**

## APPLICATION

**ZK100F Fibre Fineness Tester (Vibration Method)** is suitable to determine linear density of single fibre by means of vibration method. It is widely used in production enterprises, testing organizations and scientific research units for chemical fibre, textile, etc.

The major working principle is to determine natural vibration frequency of fibre under specific vibration length and tension, and then automatically calculates the linear density of single fibre by string vibration equation.

## STANDARDS

|           |         |           |  |
|-----------|---------|-----------|--|
| STANDARDS | ISO1973 | GB/T16256 |  |
|-----------|---------|-----------|--|

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

## FEATURES

- Adopt string vibration principle, directly display single linear density, average value and coefficient of vibration;
- Microprocessor control, high accuracy, quick test, easy to operate;
- Possible to connect with printer.

## KEY SPECIFICATION

- Fineness measurement range 0.8~40 dtex
- Fineness error  $\leq \pm 2\%$
- Clamping length 20mm
- Length error  $\leq \pm 1\%$
- Pretension clamping precision  $\leq \pm 0.5\%$
- Frequency measurement error  $\leq \pm 0.5\%$
- Power supply 220V  $\pm 10\%$



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- Weight approx. 10kg
- Dimensions 393×300×320mm

#### STANDARD CONFIGURATION

| No. | Item           | Quantity |
|-----|----------------|----------|
| 1   | Main machine   | 1set     |
| 2   | Stylus printer | 1set     |

#### OPTIONAL ACCESSORIES

| No. | Item |
|-----|------|
| 1   |      |