

KTE200

PAPER WIRE TENSIOMETER



MKE200-Paper Wire Tensiometer

1. Model KTE200 does not require any power supply, has a reasonable structure, is easy to use, has good waterproof performance, and is easy to carry.
2. It is suitable for tension measurement of polyester forming fabrics, polyester dryer fabrics, paper copper fabrics, wet and dry felts and other sports and stationary fabrics.



دقیق پرتو

DAGHIGH PARTO

Laboratory Test Equipment

شرکت دقیق پرتو

تامین کننده تجهیزات آزمایشگاهی و کنترل کیفی

۰۲۱-۶۶۹۳۷۲۱۴

PRODUCT PARAMETERS

Product Name:	Paper Wire Tensiometer
Measuring Range:	0-200N/CM or 0-20KG/CM (10N/CM≈1KG/CM)
Measurement Error:	±2.5%
Units Of Measurement:	N/cm
Product Size:	Chassis Length*Width=228*150mm
	Total height=190mm Gross Weight=1.15KG

Fabric Tension Reference Table

Mesh Name	KG/CM	N/CM
Polyester Forming Mesh	3.5-6	35-60
Polyester Spiral Mesh	3-3.5	30-35
Polyester Dryer Mesh	2-2.5	20-25
Copper Mesh	2	20
Press Felt	1.5	15
Dry Blanket	1.5	15

OUR PRODUCT



Used for tension measurement of all kinds of paper fabric, including paper forming net, copper net, press blanket, dry blanket, dry net, etc. In particular, polyester forming mesh widely used at present has more stringent requirements for tension. Excessive or too small tension will cause all kinds of accidents, resulting in mesh deformation, reducing the performance and service life of the fabric.

The tensimeter reading unit N/CM is the average longitudinal tensioning force N per centimeter width of the net cloth measured in the position (namely, within the scope of the tensimeter chassis).

No matter how wide the net cloth can be measured at any part of it. However, due to the existence of net weight, the closer the distance from the paper machine tensioning roller, the greater the actual measured value. It is best to measure at a certain distance from the tensioning roller. It is recommended that about 80CM away from the tensioning roller is the standard test point, or the user can decide according to the equipment situation.



Structure And Usage

1. KTE200 tensimeter consists of chassis, operating handle, watch head, membrane rubber waterproof ring and several internal parts.
2. KTE200 tensimeter dial is not uniform scale, can directly measure the data of fabric tension, without reference to the table conversion.
3. KTE200 tensimeter has reading pointer "I" but does not return pointer "II".
Before use, the zero position of the rotating dial is aligned with the pointer "I", and then the pointer "II" is moved to zero along the counterclockwise direction, holding the instrument handle, so that the chassis is gradually pressed to the tested network surface, until the bottom plane of the chassis all touches the real network surface, and then you can read.
At the same time, the pointer "I" rotates clockwise and pushes the pointer "II" to the reading position. When the instrument is removed after the test, the pointer "I" quickly returns to zero and the pointer "II" still stays in the reading position.
4. KTE200 tensimeter does not need any power supply, reasonable structure, easy to use, good waterproof performance, easy to carry, suitable for polyester molding net, polyester dry net, paper copper net, wet and dry blanket and other moving fabric and static fabric tension measurement.



Matters Need Attention

1. It is forbidden to press the semi-cylinder sensor with fingers.
2. Do not place the instrument on the hard plate, otherwise it will damage the instrument or reduce the accuracy of the instrument.
3. After use, wipe the instrument clean with dry cloth and place it in the box.
4. The tensimeter should be stored and carried in a box when not in use.