Swiss TETKOMAT 7-80N/CM wire mesh tension meter

Introduction to 7-80CN Wire Mesh Tension Gauge:

1、 Characteristics

This tension meter is suitable for testing the te nsion of various types of wire mesh plates, with pointer type indication of tension (unit: Newton), and does not require any power supply

TETKO can freely detect the tension at any position of the tension mesh. This tension meter generally tests the radial and latitudinal tension of the screen, making the screen achieve consistent radial and latitudinal directions

Whether it is a newly stretched screen or a reused old screen, TETKO can provide reliable tension test data.

TETKO is a precision measuring instrument, and in order to achieve long-term good measurement results, it needs to be stored in a dust-free and dry environment. Dust and dirt on the measuring strip can cause inaccurate measurements.

7-80CN wire mesh tension meter parameters:

Measurement principle: an instrument for measuring tension on a screen using precision mechanical methods

Display error: Full scale accuracy error rate of 5%

Unit: Newton per centimeter (N/cm)

Measurement range: 7-80N/cm

Net weight: 500g

Gross weight: approximately 1kg

Net size: 108 * 76 * 44mm

Box size: 229 * 200 * 76mm

Spare parts: standard calibrated glass

Attention: Shockproof. After use, it should be placed on the side

Measurement methods and steps:

1. Adjustment of return needs

Remove the tension meter from the box and place it on the glass calibration block. Rotate the scale fixing screw counterclockwise to make the zeroing disc rotatable. Rotate the zeroing disc to zero point (as shown in position 3 of Figure 1) and confirm.

2. Measurement

Flip the steel mesh horizontally (with the PCB contact surface facing up), place tension gauges at the four corners and center of the steel mesh (as marked in red in Figure 2), check the tension values at each point, and fill in the lowest value in the "Steel Mesh Usage Record". Check if the measured tension value of the steel mesh is within the allowable range. If the measured value meets the standard, provide feedback to the engineer for handling.

3. Organize

After the measurement is completed, put the tension meter back into the box in a timely manner (as shown in Figure 3), cover it and put it back in the tool rack.

matters needing attention

When taking the tension meter, it is necessary to grip it tightly and hold the seat. It is strictly prohibited to hold other parts, and they should be handled gently.

2. Keep the bottom of the tension meter (as shown in Figure 4) clean and free of attachments.

3. The steel mesh must undergo a tension test every time it is returned to the warehouse after use.

4. If the engineer determines that the tension of the steel mesh does not meet the standard, it will be sent out for re tensioning or redoing. The scrapped steel mesh will be uniformly labeled with a "prohibited label" and placed in the steel mesh scrap area.