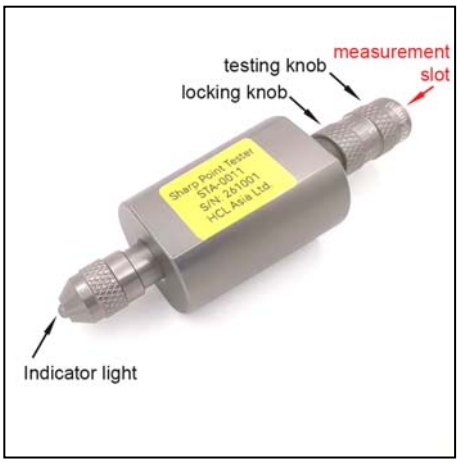
# HOW TO USE SHARP POINT TESTER?

The pointed tip tester is mainly used to detect the presence of hazardous sharp points on products such as toys, children's products, and stationery. It commonly complies with standards such as ASTM F9963, EN 71, GB 6675, and 16 CFR 1500.48.




**1. Pre-test Calibration**

a. Rotate the locking knob clockwise to loosen it.
b. Rotate the testing knob clockwise until the red indicator light turns on.
c. Slowly rotate the testing knob counter-clockwise until the indicator light just turns off.
d. Make fine adjustments back and forth to confirm the critical position where the indicator light just turns on.
e. Rotate the testing knob counter-clockwise for an additional 5 division scale.
f. Tighten the locking knob to fix the position of the testing knob.

** Calibrate once before each formal test to ensure sensitive induction and accurate pressure.*

**2. Formal Test**

a. Secure the sample to prevent movement during testing.
b. Insert the tip to be tested into the measurement slot of the tester.
c. Insert it along the accessible direction of the tip, applying a force of 4.5N (approximately 1 pound).
d. When inserting, do not let the tip rub against the edge of the slot, nor let it extend out from outside the slot.
e. Observe whether the indicator light turns on.

**3. Result Determination**

a. Indicator light on: Determined as a sharp point, non-compliant (fail).
b. Indicator light off: Determined as compliant, does not constitute a sharp point risk.

**Precautions**

a. Maintain a steady force during testing; do not apply extra pressure or shake the device.
b. If the sample has multiple accessible sharp points, test them separately.
c. Low battery power can affect the indicator light. Before testing, you can verify the device using calibration weights or a known sharp point.
d. Applicable standards may vary for different products. For formal inspections, always refer to the instrument's manual and the corresponding standards.

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