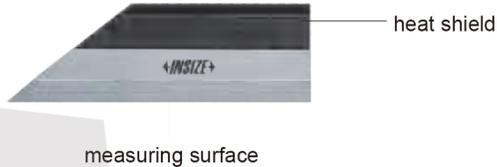




OPERATION INSTRUCTION

STRAIGHT EDGE



1. The product is used to measure the straightness or flatness of workpieces.

2. Measurement:

- Before measurement, wipe the straight edge and the surface of the measured workpiece clean with a clean soft cloth.
- When selecting a straight edge, its length should be greater than or equal to the length of the inspected section.
- During measurement, the straight edge should be placed vertically against the surface of the workpiece and checked sequentially in the longitudinal, transverse, and diagonal directions.
- During measurement, it is best to use a soft light fluorescent lamp as a light source, the distance between the light source and the gap should be 60-90mm, illuminance to 800x is appropriate. If the straight edge and the workpiece plane light transmission weak and uniform, then the color estimation method to determine the value of light transmission gap. If into the light intensity is not uniform, it shows that the workpiece plane is uneven, can be in the straight edge and workpiece fit at both ends of the pad on the same size of the block, the formation of the gap, and then sequentially plugged into the different sizes of the block to determine the gap value.

3. Precautions:

- When using a straight edge for inspection, the inspected surface should not be too rough to avoid wear on the measuring surface of the straight edge.
- When measuring from one section to another, the straight edge should be lifted and gently placed on the other measured section.
- Keep the measuring surface of the straight edge clean, lubricated, and protected from rust and corrosion.

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