



OPERATION INSTRUCTION

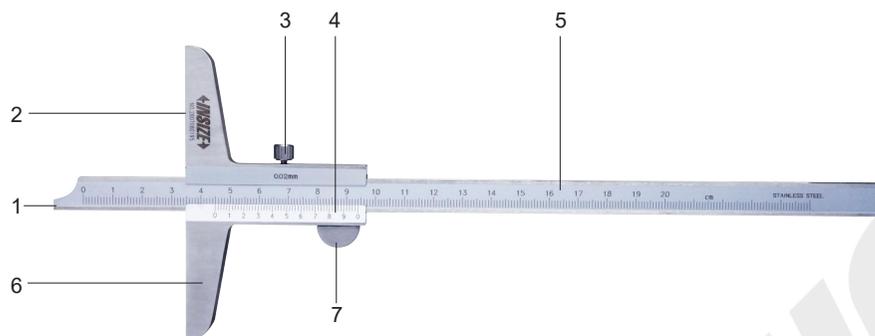
Depth Gage

Graduation: 0.02mm

Accuracy: $\pm 0.03\text{mm}$ (Range 0-200mm)
 $\pm 0.04\text{mm}$ (Range 200-300mm)
 $\pm 0.05\text{mm}$ (Range 300-500mm)

Graduation: 0.05mm

Accuracy: $\pm 0.05\text{mm}$ (Range 0-200mm)
 $\pm 0.08\text{mm}$ (Range 200-300mm)
 $\pm 0.09\text{mm}$ (Range 300-500mm)



1-Measuring face
2-Base plane
3-Locking screw
4-Vernier

5-Main ruler
6-Base
7-Handle

1. It is necessary to set zero on the inspection plate before measuring. Clean the measuring faces and inspection plate surface with soft cloth, then put the base plane on the inspection plate, keep pressing the base. Gently pull the main ruler to let measuring face contact with the plate, lock the locking screw. At this time, the "0" position of main ruler is aligned with the "0" position of the vernier ruler, which can be measured directly. Check regularly to ensure that the zero position is correct.

2. Please pay attention to follow three points during measurement:

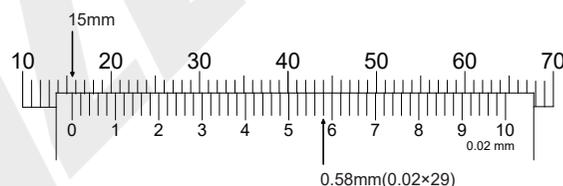
---Make sure there are no dust, cutting chips or other debris on the measuring faces and workpiece surface, otherwise, the measurement may be incorrect.

---Measuring face and base plane should be protected from being scratched or damaged. It is necessary to press the base steady and apply constant and proper force to pull the main ruler.

---When the measuring surface of the ruler body contacts the bottom surface of the measured workpiece, it can be read directly. You can also tighten the locking screw and pick up the depth gage reading after the ruler body is fastened.

3. The reading is the sum of the main ruler reading and the vernier reading. The reading of vernier is the scale value aligned with the scale line of the main ruler. As follows:

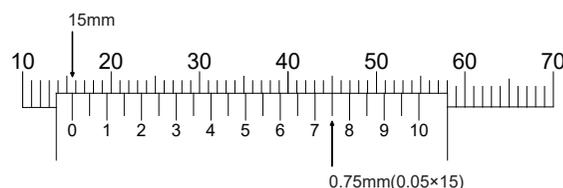
Graduation: 0.02mm



main ruler reading: 15mm
vernier reading: 0.58mm

Reading: 15.58mm

Graduation: 0.05mm



main ruler reading: 15mm
vernier reading: 0.75mm

Reading: 15.75mm

MN-1240-E

V0