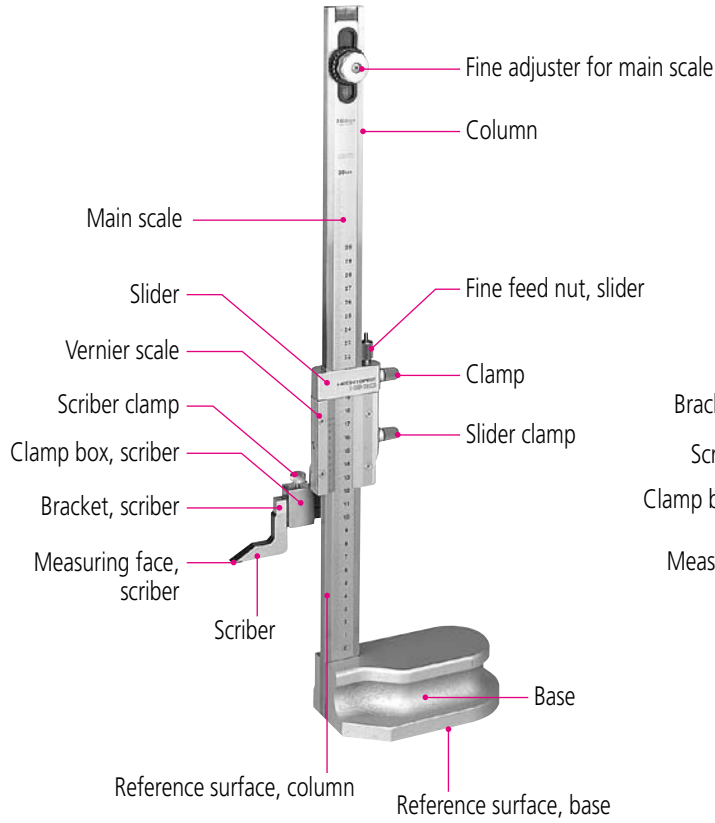


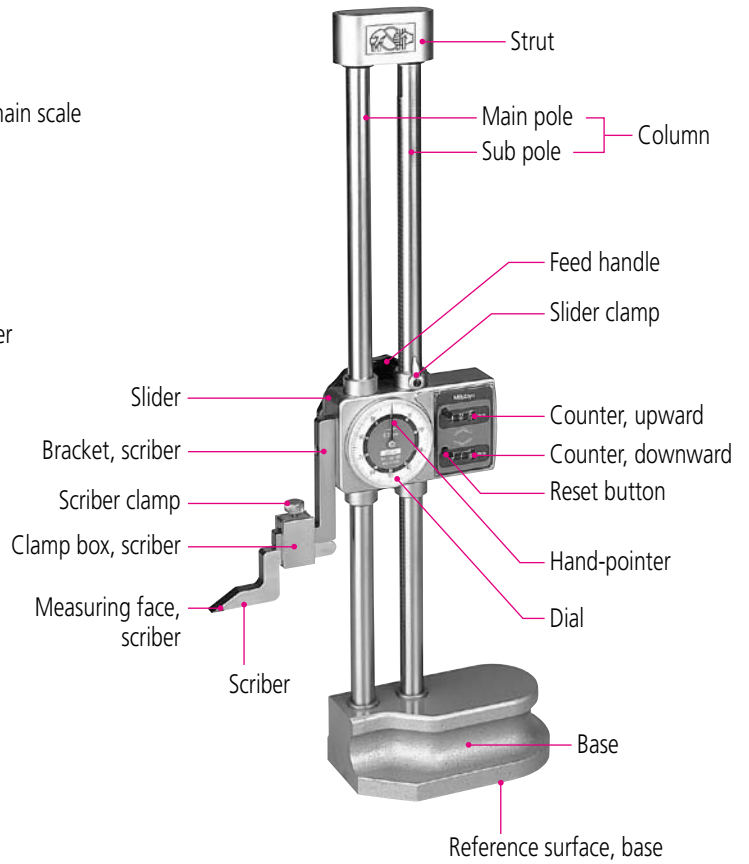
Height Gages

■ Nomenclature

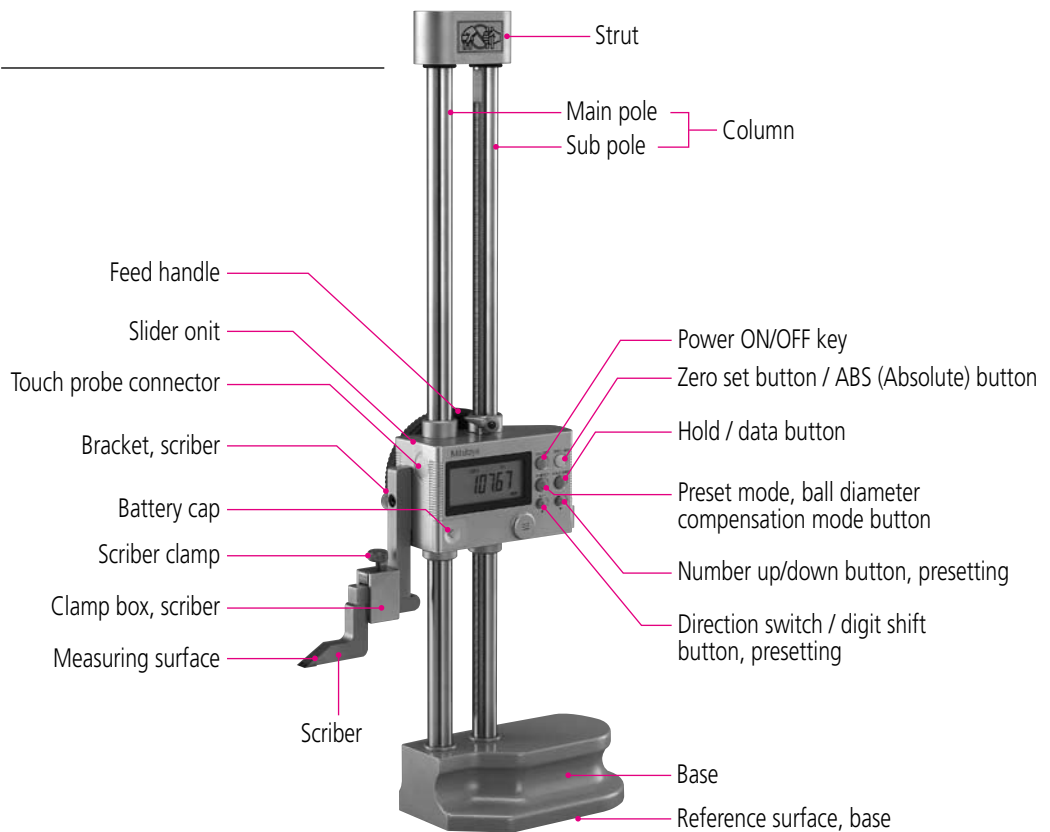
Vernier Height Gage



Mechanical Digit Height Gage

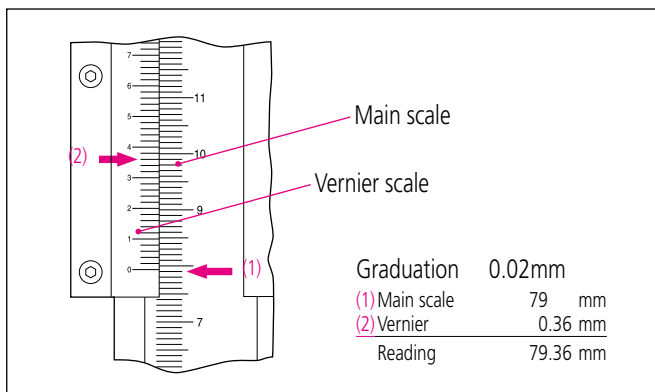


Digimatic Height Gage

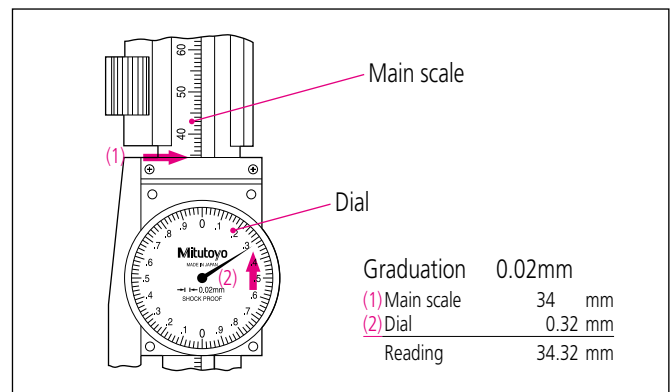


How to read

Vernier Height gage

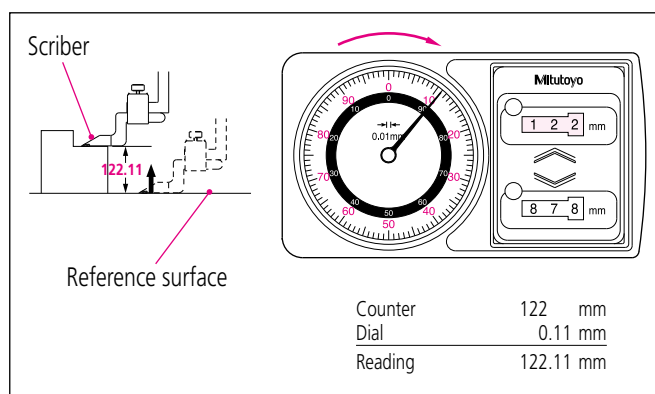


Dial Height gage

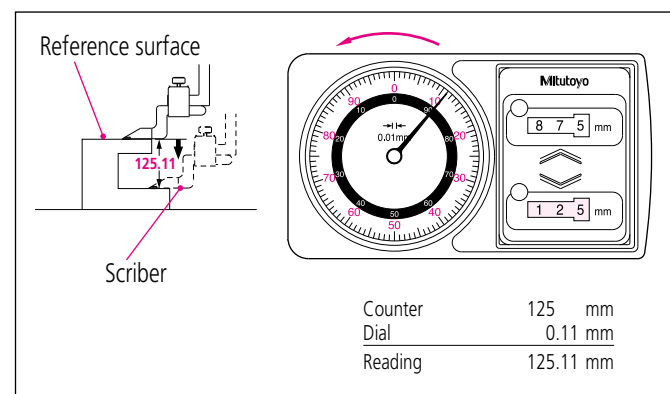


Mechanical Digit Height gage

Measuring upwards from a reference surface



Measuring downwards from a reference surface



General notes on using the height gage

1. Make sure that the base is free of burrs that would otherwise adversely affect scribing and measuring stability. If there is a burr, remove it by using an oilstone.
2. Keep the leaf spring of the slider and reference face of the main scale clean. Accumulated dust might cause poor sliding.
3. Tighten the slider clamp to prevent the slider from moving during scribing.
4. The scriber edge might move by up to 0.01 mm when the slider clamp is tightened. Check the movement by using a test indicator.
5. The parallelism between the scriber mounting bracket, scriber measuring face, and reference surface of the base is 0.01 mm or less. Avoid moving the scriber forward or backwards during measurement because movement can cause errors.
6. Use the fine feed to ensure accurate adjustment to final position.
7. Be aware of possible parallax error on vernier instruments and always read the scales from the normal direction.