

Measuring Microscope

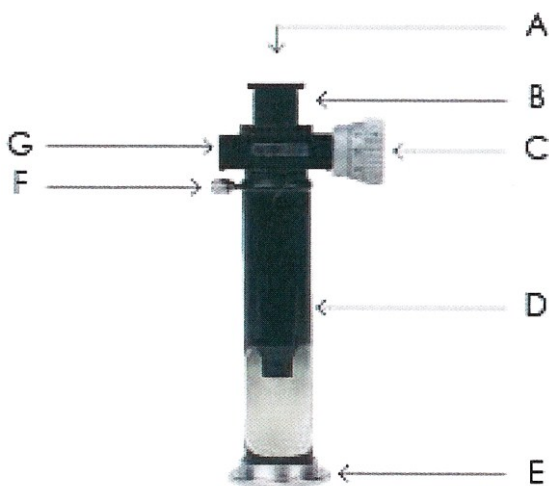


For accurately measuring small component details.  
Useful for measuring Brinell hardness test indentation dimensions.

- Magnification: 40X
- Field of view: 4.5mm
- Measuring range: 3mm
- Micrometer graduated: .005mm
- One revolution of the Micrometer Thimble = 0.5mm

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
59-020-300	Measuring Microscope	874	120	67	233



- A: Eyepiece
- B: Focus Adjustment
- C: Micrometer Thimble
- D: Main Body
- E: Foot Plate
- F: Clamp Screw
- G: Optical/Micrometer Assembly

Operating Instructions

- Place Foot Plate (E) of Microscope onto surface of part to be measured
- Release Clamp Screw (F)
- Rotate Optical/Micrometer Assembly (G) in Main Body (D) to achieve best position for the light cut out and operation of the Micrometer Thimble (C) and clamp in place.
- View surface of part through Eyepiece (A)
- Adjust focus by revolving Focus Adjustment (B) until the surface of the part and the grid lines of the Microscope are clear.
- Rotate the Micrometer Thimble (C) clockwise whilst looking through the Eyepiece until the vertical cross line is over the zero line of the horizontal scale. The Zero on the Micrometer Thimble should now line up with the Datum Line on the Micrometer.
- Move the Microscope Foot Plate across the surface of the part to align the vertical cross line over one end of the image to be measured.
- Rotate the Micrometer Thimble (C) to move the vertical cross line to the other side of the image to be measured
- Read the Micrometer Thimble to obtain the measured result