

IV-E621B Determination Of Young's Modulus Of Material By Cornu's Apparatus



Specifications:

- A standard Microscope unit having 30x magnification is provided with a rotatable cross line and the eye piece can be focused as per individual's requirement.
- The whole microscope tube unit can be raised or lowered and can be clamped in any desired position.
- The focusing of the microscope unit is done by rack and pinion arrangement.
- The longitudinal movement of the microscope saddle for the purpose of the Rings is done by rotating the drum.
- The 25 mm movement can be read by scale and on the divided drum to 0.001 cm.
- Newton's Ring set consisting of the optical flat glass and one Plano-convex Lens (50mm radia) arranged inside a metal case resting over the stage of the instrument which can be adjusted for the alignment of the measuring line.
- An adjustable reflector plate in the required direction is fitted on to the side of the set. The condenser lens is provided in front of the reflector.

Required Accessories:

- Sodium Lamp 35W
- Sodium Transformer Unit
- Lamp Housing (Metal)