



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Product Name :

Apparatus Young Modulus Searle's

Product Code :

SLE/PHY/17



Description :

Modulus of elasticity -is a measure of stiffness of a given material. A specially designed apparatus capable of high sensitivity and accuracy. It is defined as the ratio -for small strains -of the rate of change of stress with strain. Two cast metal rectangular frames hinged together parallel to each other to allow only vertical relative motion -with a spirit level fixed on a cross-bar pivoted across the frames for noting the reference point. Each frame has a self-centering chuck at its top for holding wires and load hooks at the bottom. One frame has vertical scale 10 – 0 – 10mm with a micrometer head along it reading to 0.01mm for adjusting the spirit level. Also included are ceiling bracket carrying a pair of chucks -a counterpoise weight and a set of two wires -one each of brass and steel. The relative displacement between the two frames can be known from the micrometer reading after adjusting the bubble of spirit level.

Contact ScienceLab for your Educational School Science Lab Equipments. We are best scientific educational lab equipments, scientific equipments manufacturers, scientific lab equipment manufacturers, scientific lab plasticware, scientific laboratory equipment manufacturer, scientific laboratory equipment supplier.

Website: <https://www.thelabequipment.com>, **Email:** sales@thelabequipment.com

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010