

Product Code . EL-PLE-10302

Kinetic Theory Apparatus



Description

Kinetic Theory Apparatus

Educational Lab Equipments is demonstrates the kinetic theory of gases and associated phenomena such as thinning of air with increasing altitude etc. consists of a transparent cylindrical plastic tube with a rubber diaphragm attached to its lower end and a cap with holes at its upper end.

The plastic tube rests in a cylindrical ring, which has three tightening screws equally spaced around the rim, for firm gripping of plastic tube.

Spheres of dia 1/8 inch are placed on the diaphragm, whose behavior is represented by the kinetic theory, when the apparatus is in operation.




A piston is provided below the diaphragm, which is connected to a DC motor and is used for producing agitation in the metal spheres. Complete assembly is mounted on a base, with two 4mm socket terminal for electrical connection to the motor.

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Educational Lab Equipments,
#449, HSIIDC, Industrial Area, Saha, Haryana
Direct Contact Details  +91-98173-19615  sales@educational-equipments.com
 www.educational-equipments.com