

IV-E631A To Find The Co-Efficient Of Thermal Conductivity Of A Bad Conductor By Lee's Method



Specifications:

- For determining the relative conductivity of thin layers of materials, it consists of cylindrical brass slab of 11cm dia and 10.5mm thickness.
- On this is connected another 4.5cm deep brass hollow cylinder (steam chest) of the same dia with inlet and outlet tubes for steam.
- A hole for thermometer is drilled radially in each, and the cylindrical brass slab is fitted with eyelets to enable it to be suspended by three strings from a stout annular ring.
- The ring is held on a heavy Retort Stand complete as above with accessories but without thermometer.

Scope of Supply:

- Lee's Disc Apparatus
- Two numbers Thermometers 1100 x 1/10
- Stop Clock
- Screw Gauge
- Vernier Calliper
- Hot Plate
- Steam Boiler
- Samples: Glass, Bakelite, Acrylic
- Int Diameter of the Disc should be equal to that of Cylindrical vessel & the metallic disc & should be measured in two perpendicular directions.