



**Product Code . ILS-H-10932**

## **Joule's Mechanical Heat Experiment Apparatus**

### **Description**

---

A rotating cast aluminium cylinder rotates freely on a cast metallic pedestal and to its axle rotating vanes is provided which converts the kinetic energy into heat energy and temperature of water in copper vessel rises after two to three minutes of rotation.

The apparatus has been designed to explain the basic principle of production of heat by rotating of vanes friction.

It consists fixed vanes encased in a wooden case lined with felt.

The box can slide freely on a wooden base and is fitted with thermometer clamping device.

Two pulleys and fitted on aluminium sliding bracket. Complete as described & with two set slotted weights and cord.

Two pulleys and fitted on aluminium sliding bracket.

Complete as described & with two set slotted weights and cord. But without thermometer.




But without thermometer into heat energy and temperature of water in copper vessel rises after two to three minutes of rotation.

---

Contact jLab for your Educational School Science Lab Equipments. We are best scientific laboratory equipments manufacturer, scientific laboratory equipments supplier, technical educational equipment exporter, technical educational equipment manufacturer, technical educational equipment supplier, technical educational equipments exporter in india.

---

Indian Lab Suppliers,

Direct Contact Details  +91-8569909696  [sales@indianlabsuppliers.com](mailto:sales@indianlabsuppliers.com)  
 [www.indianlabsuppliers.com](http://www.indianlabsuppliers.com)