



### Features

- Compact, comprehensive, sturdy design
- Heater control system
- Demonstration of complete experimentation of flash point and fire point.
- Fully instrumentation for experimentation of thermocouple calibration
- Direct reading of temperature at various points.

Tesca Cleveland Flash Point & Fire Point Apparatus is used for determination of flash point and fire point of petroleum products except fuel Oil with open cup flash below 800 C as per specification IP: 36 and IS: 1884 (P: 69) 1969. The apparatus consists of a cup, heating plate, thermometer clip and test flame attachment with swivel joint for passing the flame over test liquid surface in the prescribed manner, Heating is controlled by means of energy regulator fitted to the apparatus. Suitable for operation on 220 Volts 50 cycles AC Circuit.

- Thermometer
- Electric Heaters.
- Heater control panel
- Oil cup
- Gas nozzle

### List of Experiments

- To Study the flash point and fire point of the given oil sample

### Services Required

- Electric Supply 230V 50Hz. With proper earthing.
- LPG gas cylinder.

Note: Specifications are subject to change.

### **Tesca Technologies Pvt. Ltd.**

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