

LABORATORY EQUIPMENTS



BOMB CALORIMETER APPARATUS (IP-12 Specifications)

It is used for determination of heat of combustion, calorific value and Sulphur contents of solid and liquid fuels. The Bomb body and lid are machined from corrosion resisting Stainless steel rod Its capacity is approx. 300 ml. it is provided with high pressure valve and electrodes. The Calorimeter vessel, water, jacket, stirrer, FHP motor driven are provided as per IP Standards. The bomb calorimeter is supplied with firing unit, with Electronic Digital thermometer, Pellet Press, ignition wire, and pressure gauge on stand with copper pipe fitting.

RAC 145 BOMB CALORIMETER APPARATUS with Digital Thermometer 0.1 °C Read Out

RAC 146 BOMB CALORIMETER APP. DIGITAL Thermo Meter

With 0.01°C Read Out with Remote Control Unit

RAC 145 a Spare Bomb 300ml cap.

RAC 145 b Spare Neoprene washer for Bomb

RAC 145 c Spare Stainless Steel Crucible

HEAT OF COMBUSTION APPARATUS.

Comprises borosilicate glass chamber open at base with integral water jacket open at top, 170 mmx85 mm, heat exchanger fitted to the top of combustion chamber; wire stirrer; heat resisting platform with oxygen inlet tube and support rod, nickel crucible 15mmx24mm for combustion of solids, glass burner with wick and extinguishing cap for liquid fuels.

Requires retort stand for mounting.

