



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Marcet Boiler Apparatus

**Product Code :**  
LBNY-0005-11200081



**Description :**

The measured value of the slope of the graph  $(dT/dP)_{SAT}$  obtained from the practical results can be compared with corresponding values calculated from the data in steam tables the German Physicist and one of the founders of Thermodynamics was instrumental in deriving the relevant Clausius-Clapeyron relationship. Marcet Boiler has been developed for investigating the relationship between the pressure and temperature of saturated steam, in equilibrium with water, at all pressures between atmospheric and 17 bar (250 lb/in<sup>2</sup>).

**Features:**

Boiler Lagged To Permit Rapid Heating And Arranged For Bench Mounting  
Electrically heated boiler fabricated from heavy duty steel section  
Supplied complete with safety valve, pressure gauge and water cock

**Technical Specification :**

Tested hydraulically to 29.25 bar (425 lb/in<sup>2</sup>) and tested under steam before dispatch.  
Fabricated steel boiler shell fitted with high pressure electric immersion heater and furnished with safety valve, pressure gauge, thermometer pocket and steel lagging jacket.  
Maximum working pressure 17 bar.  
Water quantity approximately 3 litres.

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# Laboratory Instrument India

