

Product Name :
Marcet Boiler

Product Code :
NEGEMG115

Description :

Marcet Boiler

The Marcet Boiler unit is designed to demonstrate the relationship between the pressure and temperature of water during steam generation. Temperatures of up to 200°C are possible for recording the vapour pressure curve. The temperature and pressure can be continuously monitored via a digital temperature indicator and a Bourdon tube pressure gauge. A temperature controller and pressure relief valve are fitted as safety devices and protect the system against overpressure.

Experimental Capabilities:

Measurement of Temperature & Pressure

To study relationship between Pressure & Temperature of steam

To record vapor pressure curve for water

Specifications:

Bourdon tube pressure gauge: 0-15 bar

Temperature Controller: 0-200°C

Safety valve: 10 bar

Heater: 2kW

Boiler, stainless steel: 2L

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