

Product Name :
Power Consumption in Agitated Vessel

Product Code :
NLAB-TECHNICALAB31013



Description :

Power Consumption in Agitated Vessel

Technical Specification :

To plot Power number Vs Reynolds number for the given set of impeller with baffled/ unbaffled mixing.

Utilities Required:

Electricity 500 Watts, 220V, 1 Phase

Water Supply.

Drain

Technical Specifications:

Tank: Material Stainless Steel. Dia. 300mm, Depth 450mm

Stirrer: Stainless Steel Impeller with Stainless Steel Shaft coupled to FHP

DC Motor and Thyristor controlled DC Drive.

Agitator: Stainless Steel shaft & impellers (i.e. one propeller & one turbine)

Baffles: Material Stainless Steel, 4 Nos. 50mm width. (detachable).

Control Panel Comprises of:

RPM Measurement: Digital RPM Indicator, Non Contact type with Proximity sensor.

Digital Voltmeter: 0-300 Volts

Ammeter: 0-5 Amps.

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