

Product Name :
Manual Batch Reaction Pilot Plant

Product Code :
NLAB-ENGINEERINGLB36030



Description :

Manual Batch Reaction Pilot Plant

Technical Specification :

2x electronic temperature indicators

Microprocessor electronic conductivity transmitter

2x programmable timers for control of the reflux ratio

Thyristor unit for control of heater power

Circuit for connection with a vacuum pump including a check valve

Jacketed reactor with a capacity of 10 litres

Stirrer for the reactor

Geared motor for the stirrer with tachometer generator and variable speed of 0 to 400 rpm

Electric heater 2.5 kW

Distillation column 600 mm

Azeotropic separator

2x thermocouples with probes protected by stainless steel shield sleeves

Vacuum gauge range 1 to 0 bar

The electrical control panel in the main cabinet

Pipework and valves manufactured from stainless steel

Emergency stop button

Reflux head with a solenoid valve for control of the reflux ratio

2x graduated tanks for adding reagents

2x tanks for collection of condensate with 5 litres capacity

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Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003