

Product Name :
Manual Continuous Distillation Pilot Plant

Product Code :
NLAB-ENGINEERINGLB36021



Description :

Manual Continuous Distillation Pilot Plant

Technical Specification :

Variable area flow meter with a range of 20 to 250 litres per hour.

Vacuum circuit with the trap.

Vacuum gauge range 0 to 1 bar.

Distillation column height 600 mm with 7 bubble cap trays.

Reboiler with 3 litres capacity complete with 1600 W electric heater.

Condenser with reflux head.

Feeding tank with 5 litres capacity.

Tank for the collection of distillate with 1 litre capacity.

Tank for the collection of bottoms product with 2 litres capacity.

Pipework manufactured from stainless steel.

Electrical control panel in main cabinet.

Emergency stop button.

3x tube-in-tube heat exchangers.

Metering pump with a flow rate of 0 to 8.5 liters/hour

6x digital thermometers with probes protected by stainless steel shield sleeves

6x electronic indicators

Thyristor unit for controlling the power to the reboiler electric heater.

2x programmable timers for the control of reflux ratio.

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