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Product Name :	**Product Code :**
Manual Combined Extraction And Distillation Pilot Plant	NLAB-ENGINEERINGLB36028

Description :

Manual Combined Extraction And Distillation Pilot Plant

Technical Specification :

The electrical control panel in the main cabinet

Pipework and valves manufactured from stainless steel

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

Extraction column height 1,500 mm consisting of 26 stages.

Including a disc stirrer, 2 glass separators and a variable speed motor 0 to 1,000 rpm

2x metering pumps with a flow rate of 0 to 40 litres per hour.

A distillation column with vacuum jacket

Reflux head

Solenoid valve for controlling the reflux ratio

Reboiler with a capacity of 7 litres for the distillation column

Electric heater 3,000 watts for reboiler.

2x programmable timers for controlling the reflux ratio.

Flow meter for feeding the water to the overhead condenser with a range of 20 to 250 litres per hour.

3x thermocouples with probes protected by stainless steel shield sleeves

3x electronic digital temperature indicators.

Tube-in-tube heat exchangers for cooling the liquid produced from the extraction column

Tank with a capacity of 3 litres for collecting the liquid produced from the extraction column

Graduated tank with a capacity of 1 litre for collecting the distillate

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Naugralabequipments

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