

Product Name :
Manual Batch Distillation Pilot Plant

Product Code :
NLAB-ENGINEERINGLB36003



Description :

Manual Batch Distillation Pilot Plant

Technical Specification :

Manual Batch Distillation Pilot Plant Lab Equipments Manufacturer, Suppliers & Exporters

Manual Batch Distillation Pilot Plant

- Distillation column height 600 mm with 7 bubble cap trays.
- Re-boiler with 4 liters capacity complete with 1600 W electric heater.
- Condenser with reflux head.
- Tank for collection of distillate with 1 liter capacity.
- Tube in tube heat exchangers manufactured from AISI 304 stainless steel

- 6 thermocouples with probes protected by stainless steel shield sleeves
- 6 electronic temperature indicators
- Pneumatic valve for controlling the condenser cooling water made of stainless steel
- Residual pressure electronic transmitter made of stainless steel with a range of 0-1000 mbar and 4-20mA output signal.
- Pneumatic valve for controlling the residual pressure made of stainless steel
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- 2x electropneumatic converters 0.2 to 1.0 bar and 4-20mA signals
- Thyristor unit for controlling the power to the re-boiler electric heater.
- 2x programmable timers for the control of reflux ratio
- Variable-area flow meter made of stainless steel with a range 20 to 250 liters / hour and 4-20mA output signal
- Oil vacuum pump with trap and flow rate of 4m³/hour
- Vacuum gauge range 0 to ± 1 bar
- Electrical control panel in main cabinet
- Vacuum circuit with trap
- Pipe work and valves manufactured from stainless steel.
- Microprocessor digital PID controller with serial card.

Naugralabequipments

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