

Product Name :
Manual Batch Distillation Pilot Plant

Product Code :
ASTRALAB-SUPPLYA21011



Description :

Manual Batch Distillation Pilot Plant

Technical Specification :

Distillation column height 600 mm with 7 bubble cap trays.

6 electronic temperature indicators.

Reboiler with 4 litres capacity complete with 1600 W electric heater.

Condenser with reflux head.

Tube-in-tube heat exchangers manufactured from AISI 304 stainless steel.

6 thermocouples with probes protected by stainless steel shield sleeves.

Tank for collection of distillate with 1 litre capacity.

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

2 programmable timers for the control of reflux ratio.

Variable-area flow meter made of stainless steel with a range 20 to 250 litres / hour and 4-20mA output signal.

PC interface contained in main electrical control panel.

Vacuum circuit with trap.

Pipe work and valves manufactured from stainless steel.

Electrical control panel in main cabinet.

Data acquisition software for Windows.

Emergency stop button.

Vacuum gauge range $\hat{\text{a}}$ €“1 to 0 bar.



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