



Product Code . EL-CELE-11495

Automated Batch Distillation Pilot Plant

Description

Automated Batch Distillation Pilot Plant

Specifications:-

- Reboiler with 5 litres capacity complete with 2,500 W electric heater.
- Reflux head with solenoid valve for control of reflux ratio.
- Distillation column height 1,100 mm with stainless steel mesh packing.
- 8 thermocouples with probes protected by stainless steel shield sleeves.
- 2 graduated tanks for collection of distillate with 1 litre capacity.
- Tube-in-tube heat exchangers manufactured from AISI 304 stainless steel for cooling the distillate.
- 2 programmable timers for the control of reflux ratio.
- Electronic indicator for display of differential pressure.
- Flow meter for measuring the flow rate across the condenser with a range 0 to 250 litres / hour.
- Vacuum gauge range $\hat{\epsilon}$ 1 to 0 bar.
- 8 electronic temperature indicators.
- Thyristor unit for controlling the power to the reboiler electric heater.

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- Liquid ring vacuum pump 700 W with air/water separator and check valve.
 - Electrical control panel in main cabinet.
 - Emergency stop button.
 - Variable area flow meter with a range of 0 to 250 l/h and 4-20 mA output signal.
 - Electro-pneumatic converter 4 to 20 mA / 0.2 to 1 bar.
 - Electronic absolute pressure transmitter range of 0 to 1000 mbar, 4-20 mA output signal.
 - Pneumatic control valve DN15, $C_v = 2.5$.

We are leading manufacturers, suppliers of Automated Batch Distillation Pilot Plant for Chemical Engineering Lab Equipments. Contact us to get high quality Automated Batch Distillation Pilot Plant for Chemical Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

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