Product name:	Product code:
Automated Batch Distillation Pilot Plant	Chemical0036



Description

Automated Batch Distillation Pilot Plant

Technical specification

- Reboiler with 5 litres capacity complete with 2,500 W electric heater.
- 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.
- 8 thermocouples with pt100 probes protected by stainless steel shield sleeves.
- 8 electronic temperature indicators.
- Thyristor unit for controlling the power to the reboiler electric heater.
- 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 –1 to 0 bar.
- 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.
- Pneumatic control valve DN15, Cv = 2.5
- 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.

Automated Batch Distillation Pilot Plant Our organization is well known in the market for providing a broad assortment of **Automated Batch Distillation Pilot Plant** to our clients. These products are assembled using optimum quality components. Apart from this, one can purchase these products at the reasonable price from us. The offered plant has flow meter for measuring the flow rate across the condenser with a range 0 to 250 liters / hour.

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Features:

- Modern technology
- Optimum performance
- Low maintenance

Specifications:

- Distillation column height 1,100 mm with stainless steel mesh packing
- Reflux head with solenoid valve for control of reflux ratio.