Product name:	Product code:
Manual Batch Distillation Pilot Plant	Chemical0034



Description

Manual Batch Distillation Pilot Plant

Technical specification

- 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 pt100 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
- 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
- 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

Manual Batch Distillation Pilot Plant We have established ourselves as an eminent name in offering a vast array of Manual **Batch Distillation Pilot Plant**. This product is manufactured using only high-quality input factors as per the preset industry norms. Also, offered products have an electrical control panel in the main cabinet, vacuum circuit with trap, pipe work, and valves manufactured from stainless steel and microprocessor digital PID controller with the serial card.

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Features:

- Excellent performance
- Performance-oriented design
- Fine finished

Specifications:

- Distillation column height 600 mm with 7 bubble cap trays.
- Re-boiler with 4 liters capacity complete with 1600 W electric heater.