Product name:	Product code:
Manual Combined Extraction And Distillation Pilot Plant	Chemical0019



Description

Manual Combined Extraction And Distillation Pilot Plant

Technical specification

- 3x electronic digital temperature indicators.
- Tube-in -tube heat exchangers for cooling the liquid produced from the extraction column
- Tank with a capacity of 3 litres for collecting the liquid produced from the extraction column
- Graduated tank with a capacity of 1 litre for collecting the distillate
- Electrical control panel in main cabinet
- Pipe work and valves manufactured from stainless steel
- Emergency stop button

Manual Combined Extraction And Distillation Pilot Plant

Specifications:

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- Extraction column height 1,500 mm consisting of 26 stages.
- Including a disc stirrer, 2 glass separators and a variable speed motor 0 to 1,000 rpm
- 2x metering pumps with a flow rate of 0 to 40 litres per hour.
- Distillation column with vacuum jacket
- Reflux head
- Solenoid valve for controlling the reflux ratio
- Reboiler with a capacity of 7 litres for the distillation column
- Electric heater 3,000 watts for reboiler.
- Thyristor unit for controlling the power to the reboiler electric heater.
- 2x programmable timers for controlling the reflux ratio.
- Flow meter for feeding the water to the overhead condenser with a range of 20 to 250 litres per hour.
- 3x thermocouples with pt100 probes protected by stainless steel shield sleeves