

PACKED CONTINUOUS DISTILLATION COLUMN

RU 102

Description:

Packing is added in distillation columns as a means for increasing the effective area of the contact of the solution. RU 102 is a small-scaled comprehensive unit for familiarizing with the distillation process in packed columns.

Specifications:

- Stainless steel column with glass rushing fill on it
- Temperature sensors in different points of the column
- Electrical control panel with displays and switches
- Adjustable flow rate feed pump
- Fiberglass product tank and waste tank
- Reflux pump from product tank
- Heat exchanger for cooling waste
- Electrical heating element
- Pump with ability to set the flow for transfer
- Rotameter
- Condenser
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating performance of column in complete reflux mode
2. Investigating the performance of condenser on function of column
3. Investigating the effect of feed's flow rate on performance of column

Required For Operation:

- 220V Single Phase Electricity
- Urban Water Supply
- Urban Water Drainage
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1400x 650 x 2250

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