

SOLID-LIQUID EXTRACTION

RU 092

Description:

The extraction is a basic operation of mass transfer based on the dissolution of one or more components of a mixture, liquid or part of a solid, through a suitable solvent. In the liquid-liquid extraction, the mass to be extracted is in a liquid, and in the solid-liquid extraction is in a solid. The way of performing the extraction will depend on the proportion of the component to be extracted, on the distribution of this component in the solid, on the nature of the solid and on the of particle size. The unit allows a continuous solid-liquid process of extraction in countercurrent which is the most commonly used in industry because it is the one with the highest efficiency.

Specifications:

- Glass Solvent distillation column with glass rushing
- Boiler with heating element
- Condenser
- Rotameter
- Electrical heating element
- Piping system with valves and fittings
- Solid compartment
- product tank
- Electrical control panel with displays and switches
- 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. Separation of solid from liquid

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:1300x 650 x 2100

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