

Product Name :
Solid- Liquid Extraction**Product Code :**
FUDE0063**Description :**

Solid- Liquid Extraction

Technical Specification :

Extraction is a more efficient, selective, and cost-effective method that can replace separation methods such as distillation, evaporation, and membrane technology. Applications of this method include obtaining oil from oilseeds or leaching metal salts from ores.

The solid-liquid extraction experimental platform uses a solid-liquid extraction (leaching) method to separate the solid mixture. Solid-liquid extraction is the use of extractants to remove soluble components from solids.

The test scope includes the following areas:

Familiar with the basic principles of solid-liquid extraction

Prove that solid-liquid extraction is a continuous and discontinuous process

Study of single, two and third processes

Effect of extractant flow and temperature on extraction process

Effect of extraction material mass flow rate and carousel speed on extraction process

1.1 Instructions for use

This unit can be used for training in the field of thermal processing and instrument manufacturing. It is designed for training and is not suitable for industrial use.

1.2 Product parameters

Dimensions (LxWxH): 1360 x780x 1900mm mm

Weight: <180Kg

Power supply: single-phase AC230V 50Hz



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