



# Solid liquid extraction

Référence : ESS/2000



## Study two solid-liquid extraction methods

Batch process

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### GENERAL SPECIFICATIONS

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- Glass reactor, 10L, removable basket, SS lid.
- Hydraulic system for vertical and horizontal displacement of the tank.
- Stirring system, variable speed.
- Distillation column.
- Condenser, glass shell, SS coil.
- Level setting crosshead.
- Soxhlet type extractor, 3 L, removable basket with polymer bag.
- Vacuum circuit with vacuum trap.
- Vacuum pump.

### Instrumentation

- Flowmeter.
- 3 manometers.
- 3 temperature probes Pt100Ω.
- One safety thermostat.

**Dim :** 320 x 100 x 240 cm – 350 kg  
SS tubular framework 40 x 40mm

**Categories:** Bio industry Chemical processing Educational Engineering Extraction  
Extraction

**Reference:** ESS/2000

## DESCRIPTION

### Study solid-liquid extraction processes

Percolation, immersion

Steam extraction

### Extract concentration by evaporation or distillation

Reduced or atmospheric pressure



Unités livrées avec un manuel pédagogique  
et dossier technique



Possibilité d'adapter les unités à vos  
besoins



Mise en service, formation des  
formateurs