

Mini Continuous Crystallization Référence : CRA/200



Study crystallization process of a stirred mixture through controlled cooling

Continuous process

Dissolution of the solid to re-crystallize

Crystals continuous draw-off

Data supervision- acquisition by tactile screen

GENERAL SPECIFICATIONS

- 3L glass crystallizer. SS flat cover. Level detector.
- SS immersed cooling coil.
- Stirrer 3 counter blades.

- Glass graduated vessel with heating element and magnetic stirrer.
- Variable flow peristaltic pump.
- Thermoregulator group hot/cold.
- Glass Büchner filter.

Instrumentation

- Flowmeters.
- Temperature probes.

Dim : 140 x 60 x 110 cm – 70 kg SS tubular framework 40 x 40mm

Categories: Chemical processing Crystallization Educational Engineering Mini pilots

Reference: CRA/200

DESCRIPTION

Crystallization

Crystallization is an operation widely spread in the industry.

It concerns an important variety of products : pharmaceutical, farm-produce, chemical...

However, this operation remains delicate to run.

Proposed run aims to make sensitive the student in various parameters and variable occurring

in the application of a crystallization.

This study will allow, from material and thermal balances, to end on this unit operation

of the Chemical Processing.

Parameters influence

Temperature, stirring speed, concentration

Feeding flow rate influence

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Unités livrés avec un manuel pédagogique et dossier technique



Possibilité d'adapter les unités à vos besoins



Mise en service, formation des formateurs

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