

CRYSTALLIZERS

serie CR

Regeneration of copper, brass, silver, zinc, cadmium plating, burnishing, pickling of sulphuric and sulphuric-nitric acid, salts of thermal treatment, pickling of copper printed matter, photo printing.

Automatic extraction of crystals. Models made with stainless steel AISI 316, with anti-acid materials, electrical protection IP 55, refrigerating circuit with freon 22, air condensation, automatic loading and unloading.

technical characteristics	unit of measur.	CR 100	CR 200	CR 400
Installed power	KW	3,5	5,5	9,5
Flow	l/h	100	200	400
Refrigerating flow	W	6400	12800	25600
Frequency	Hz	50	50	50
Voltage	V	380	380	380
Material in contact		AISI 316**	AISI 316**	AISI 316**
Automatic loading and unloading		●	●	●
Programming process control		●	●	●
Dimensions	cm	750x1900x2500	850x2200x2500	1200x2400x2500
Weight	Kg	300	400	650

● Standard

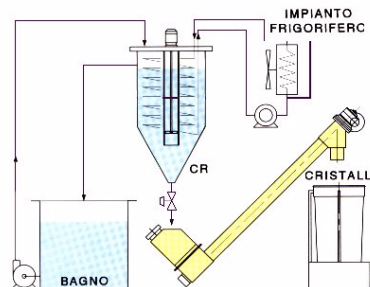
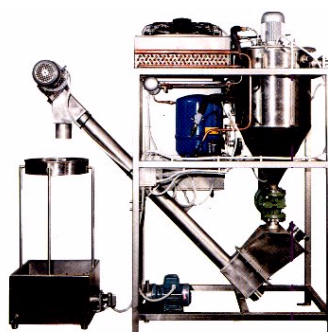
** Available also in special materials

Functioning scheme : the solution to be treated is automatically drawn from the working bath or from a reserve tank, and then cooled at a certain temperature; when crystals are separated and unloaded, the solution is sent again to the bath or the reserve tank. There are three different kind of crystallisation : discontinuous, half-continuous, or continuous.

Crystals are raised by means of a cochlea till the drainage system (standard) or to a centrifugal separator (optional).

The optimal working temperature is established in relation to the kind of salt to be crystallised and its curve of solubility, which is influenced by the composition of the bath.

The contents of residual salt is regulated on the basis of theoretic data and experimental verification.



SCHEMA DI PRINCIPIO



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Contact information update:

We have begun the long arduous process of moving our office.
Please continue to direct mail to:

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All phone contact to:
423.289.6894

All other email and website information remains the same. You can contact us at any of the existing web addresses. Email is received remotely and responded to more quickly and efficiently than a phone message. If you call the office, please leave a thorough message INCLUDING your email address so that we can send you the required information as soon as possible.

Thank You.