

SEPARATION PROCESSES

# ED COAT CRONO FL CELL



## Flat cells for electrophoretic paints

Flat cells are the most economical choice on the market. The use of these cells reduces the number of required elements and the need of electrical connections. The membrane replacement costs are also very low in terms of material but they become higher, when compared to tubular membranes, in terms of man labour costs considering the increased number of working hours required. Due to their small thickness, CRONO FL cells are also used when painting tank must be kept as narrow as possible. They are available in standard shape but it is also possible to build them, according to the need of the customer, in almost any geometry and dimension. The standard models are "open top". "Closed top" version is also available on request.

## Technical characteristics

- Electrode material: AISI 316 L stainless steel (Option AISI 316 Ti and DSA)
- Electrode thickness: 3 mm
- Membrane typology: Anionic and Cationic
- Current density: 30 ÷ 50 A/m<sup>2</sup> at 200 ÷ 400 Volts
- Electrolyte flow: 500 l/m<sup>2</sup> per h

## Standard specifications

MODEL	ACTIVE LENGHT (mm)	MEMBRANE SURFACE (m <sup>2</sup> )	ELECTRODE SURFACE (m <sup>2</sup> )
Crono FL1 500	500	0,35	0,37
Crono FL1 1000	1000	0,70	0,74
Crono FL1 1500	1500	1,05	1,11
Crono FL1 2000	2000	1,40	1,48
Crono FL1 2500	2500	1,75	1,85
Crono FL1 3000	3000	2,10	2,22

NOTE: INTERMEDIATE AND LONGER CELLS ARE AVAILABLE UPON REQUEST

## ACCESSORIES

See dedicated technical bulletin.