

SEPARATION PROCESSES

ED COAT CRONO SO CELL



Semi open cells for electrophoretic paints

Crono SO cells represent a good solution in terms of space, performance, requirement distance between feed pipes and maintenance area.

In this configuration membrane, electrode and support are linked together to form an economic and light structure without bolts.

The electrode and the membrane are easy to replace, with no need to open the cell or empty the tank.

Crono SO cells require little space in the tank and offer a greater surface area.

Paint does not adhere to the smooth surface and the cell is designed with adequate rigidity without the need for stiffening

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: 32 ÷ 54 A/m² at 200 ÷ 400 Volts
- Electrolyte flow: 500 l/m² per h

Standard specifications

MODEL	ACTIVE LENGTH (mm)	MEMBRANE SURFACE (m ²)	ELECTRODE SURFACE (m ²)	ESTIMATED WEIGHT (Kg)
Crono SO cell 500	500	0,25	0,21	7,2
Crono SO cell 1000	1000	0,50	0,42	14,4
Crono SO cell 1500	1500	0,75	0,63	21,6
Crono SO cell 2000	2000	1,00	0,84	28,8
Crono SO cell 2500	2500	1,25	1,05	36,0
Crono SO cell 3000	3000	1,50	1,26	43,2

NOTE: INTERMEDIATE AND LONGER CELLS ARE AVAILABLE UPON REQUEST

ACCESSORIES

See dedicated technical bulletin.

