

Industrial Scale Electrodialysis Cells



PCCell ED 1000 H

PCCell ED 1000 A

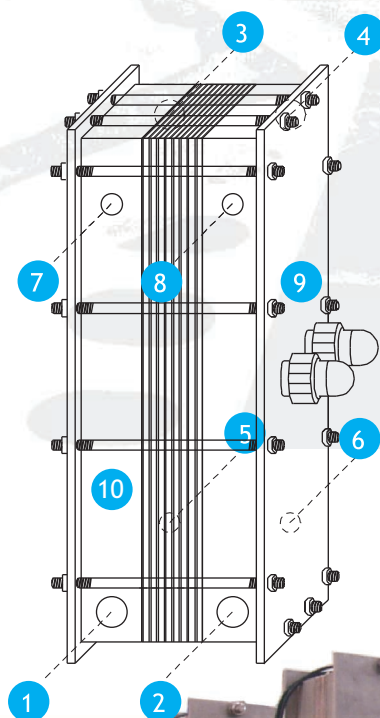


Cell Specification

Membrane Size	300 x 500 mm
Membrane Spacing	electrode-membrane: ca 5 mm membrane-membrane: 0.5 mm
Active Membrane area	1000 cm ² per membrane
Max. Area	about 25 m ² (corresponding 125 cp)
Size	530 x 330 x 290 mm (@25 cp) 530 x 330 x 380 mm (@100 cp)
Weight	44 kg (@25 cp)

Electrodialysis performance

Nominal Flowthrough	25 l / cell h
pressure drop	ca 0,8 bar @ nominal flow
Voltage	max. 2 V / cell pair
Amperage	16 (standard), 50 and 100 optional



- 1 Diluate inlet
- 2 Concentrate Inlet
- 3 Concentrate Outlet
- 4 Diluate Outlet
- 5 Catholyte Inlet
- 6 Anolyte Inlet
- 7 Catholyte Outlet
- 8 Anolyte Outlet
- 9 Anode
- 10 Cathode



draft of the ED 1000
spacer geometry



GmbH

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