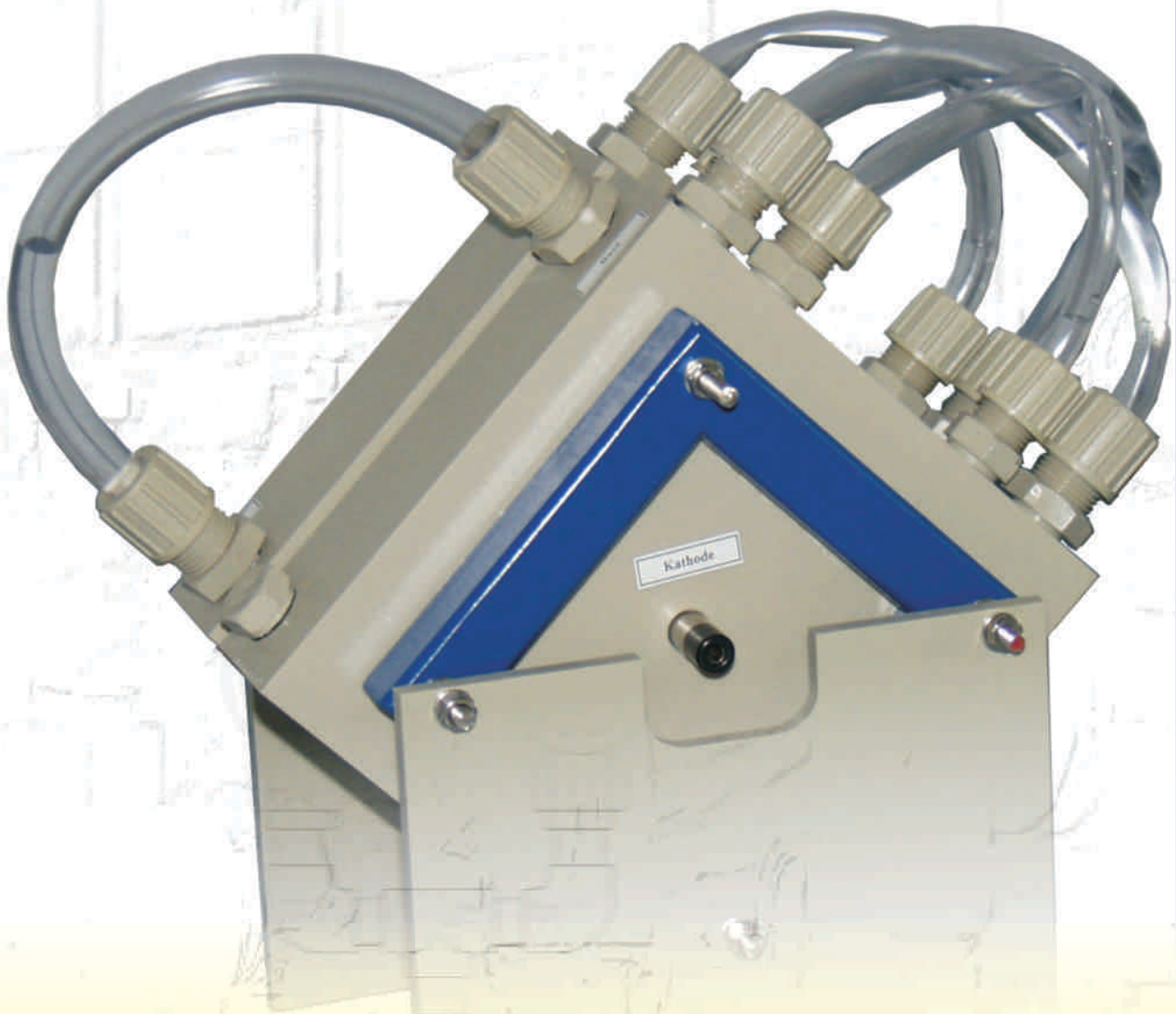


## Laboratory ED Cells

PCCell ED 64 0 02  
PCCell ED 64 0 04  
PCCell ED 64 OCC



# PCCell ED 64 0 02

# PCCell ED 64 0 04

# PCCell ED 64 OCC

## Materials

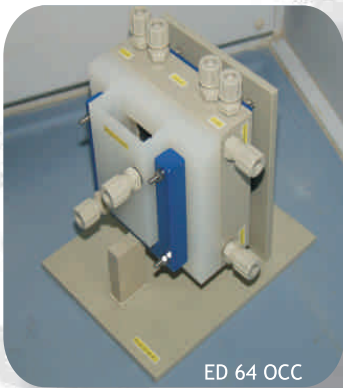
Housing:	Polypropylene
Electrodes:	MMO coated Ti (Anode) V4A steel (Cathode)
Spacer thickness:	0,35, 0,45, 0,75, 1,5 mm
Spacer materials:	Silicone - Polyethylene Silicone - Polyester EPDM/PTFE/PE

## Application Fields

- Laboratory feasibility tests of ED applications
- Electrodialysis with bipolar membranes
- Salt metathesis
- Membrane electrolysis
- Diffusion dialysis
- Electrolysis including cathodic metal deposition

## Cell Characteristics:

Membrane size:	110 x 110 mm
Active membrane area:	64 cm <sup>2</sup>
Membrane spacing	
electrode - membrane:	ca. 1 mm
over cells:	0.5 mm
Number of membranes:	max 25 cell pairs
Current connectors:	4 mm banana plugs
Processing length:	80 mm
Medium flow:	max 4 l / cell
Pressure:	max 0.4 bar
Food contact approval:	yes



ED 64 OCC



ED 64 0 02 - 010 - ED1



ED 64 0 04 - T05 - ED1

### Laboratory Cell ED 64 002 Available Types

	Cell pairs	EDR Option	Active membrane area / cm <sup>2</sup>
ED 64 0 02 - 005 - ED1	5	No	640
ED 64 0 02 - 005 - EDR		Yes	
ED 64 0 02 - 010 - ED1	10	No	1280
ED 64 0 02 - 010 - EDR		Yes	
ED 64 0 02 - 020 - ED1	20	No	2560
ED 64 0 02 - 020 - EDR		Yes	

### Laboratory Cell ED 64 004 Available Types

	Application	Cell pairs
ED 64 0 04 - T05 - ED1	EDBM	5 triple pairs (7,5 cp)
ED 64 0 04 - T10 - ED1		10 triple pairs (15 cp)
ED 64 0 04 - Q05 - ED1	Metathesis	5 quad pairs (10 cp)
ED 64 0 04 - Q10 - ED1		10 quad pairs (20 cp)

\* cp = cell pair with two membranes and two spacers



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