



## PCCell ED 64 002 & PCCell ED 64 004

For the ED cell series 64, some tools are available as well as spare spacers.

Order No.	Tools and accessories	#
ED 64002-punch	Punching tool for making membranes for ED 64002	1pcs
ED 64004-punch	Punching tool for making membranes for ED 64004	1pcs
ED 64-104-101	Center cell 5 mm with external tubing connector	1pcs
ED 64-104-277	Torque Wrench set for cell closure	1pcs
ED 64-102-085	End Spacer Silicone / Polypropylene for ED 64002	1 pcs
ED 64-102-086	Spacer Silicone / Polypropylene for ED 64002	1 pcs
ED 64-104-085	End Spacer Silicone/Polypropylene for ED 64004	1 pcs
ED 64-104-086	Spacer Silicone/Polypropylene for ED 64004	1 pcs
ED 64-102-088	Spacer Silicone/Polyester for ED 64002 0.35 mm	1 pcs
ED 64-104-088	Spacer Silicone/Polyester for ED 64004 0.35 mm	1 pcs

Membranes for replacement and alternative use are available in packs with 5 pieces, ready to be used in the cell unit

Order No.	Membrane Type and Size	#
PC Acid 60-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC Acid 100-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC 100 D-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC 200 D-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC 400 D-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC SA-ED 64002	Anion Exchange membrane for ED 64002	pack with5 pcs
PC SK-ED 64002	Cation Exchange membrane for ED 64002	pack with5 pcs
PC MV-ED 64002	Cation Exchange membrane for ED 64002	pack with5 pcs
PC SC -64002	End cation exchange membrane for ED 64002	pack with1 pcs
PC Acid 60-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC Acid 100-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC 100 D-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC 200 D-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC 400 D-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC SA-ED 64004	Anion Exchange membrane for ED 64004	pack with5 pcs
PC SK-ED 64004	Cation Exchange membrane for ED 64004	pack with5 pcs
PC MV-ED 64004	Cation Exchange membrane for ED 64004	pack with5 pcs
PC SC -64004	End cation exchange membrane for ED 64004	pack with1 pcs
PC bip-ED 64004	bipolar membranes for ED 64004	pack with5 pcs

The pre-assembled membrane packages consists of all necessary membranes and spacers. Ready to be packed between your end plates of your cell.

Order No.	Description	#*
MP 64002-005-0611	cell package bipolar membrane / PC Acid 60	5 cp
MP 64002-005-1011	cell package bipolar membrane / PCSK	5 cp
MP 64002-005-1101	cell package standard	5 cp
MP 64002-010-1101	cell package standard	10 cp
MP 64002-020-1101	cell package standard	20 cp
MP 64004-005-1101	cell package standard	5 cp
MP 64004-010-1101	cell package standard	10 cp
MP 64004-020-1101	cell package standard	20 cp
MP 64004-T05-2611	cell package mineral salt splitting	5 tp
MP 64002-T05-2211	cell package organic acid splitting	5 tp



**PCCell GmbH**  
Lebacher Str. 60 D-66265 Heusweiler  
GERMANY  
[www.pccell.de](http://www.pccell.de)

**KOÇAK**  
medical & laboratory technologies

1244. Sokak 4/7 Cevizlidere Balgat  
06450 Çankaya Ankara - Turkey

T. +90 (312) 472 47 50  
F. +90 (312) 472 47 53

[info@kocaktip.com.tr](mailto:info@kocaktip.com.tr)

[kocaktip.com.tr](http://kocaktip.com.tr)

**PCCell Bench scale electro dialysis systems**  
for universities, science and education

With this brochure we offer a variety of pre-configured laboratory electro dialysis systems especially for academic institutes and research departments:



[kocaktip.com.tr](http://kocaktip.com.tr)

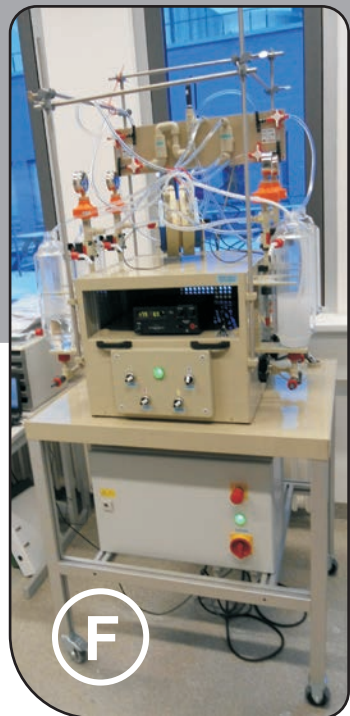
medical &

laboratory technologies

**Bench Scale Laboratory  
Electrodialysis  
Systems**







# PCCell Bench scale electrodialysis systems for universities, science and education

## Description

application  
standard ED

### A BED1-2 Basic

Basic ED system with ED 64002 with 10 cell pairs.  
complete system with power supply, 2 L polypropylene feed cylinders, prefilters, connector tubes and wires.

standard ED

### B BED1-2 Compact

Basic ED system with ED 64002 with 10 cell pairs.  
Additionally to A with pressure measurement and regulation, tripod set and flow-through-adapters

standard ED

### C BED1-2 Compact Measurement

Electrodialysis system with compact measurement package and ED cell ED 64002 with 10 cell pairs.  
Additionally to B with two conductivity meters and software package for measurement, online display and U/I adjustment.

standard ED

### D BED1-3 Compact S

Basic EDBM system with ED 64004 with 5 cell triplets with bipolar membranes.  
complete system with power supply, 2 L pp feed cylinders, prefilters, pressure measurement & regulation, connector tubes and wires.

standard ED  
bipolar ED

### E BED1-4 Basic

Basic EDBM system with ED 64004 with 10 cell triplets with bipolar membranes.  
complete system with power supply, 2 L double jacketed, thermostatable glass cylinders, prefilters, connector tubes and wires.

standard ED  
bipolar ED  
metathesis

### F BED1-4 Control and Measurement

Basic EDBM system with ED 64004 with 10 cell triplets with bipolar membranes.  
Additionally to E with three conductivity and one pH meter, tripod set, flow-through regulation and pressure measurement, manual EDR valves, peristaltic pump for chemical dosage (e.g. for automatic pH stabilisation in diluate, or maintaining conductivity by brine dosage) and software package for measurement, online display and U/I adjustment.

standard ED

### G BED2-2 Automatic Package

Electrodialysis system with full automatic package and ED 200 with 25 cell pairs.  
Complete ED system operable in batch mode as well as in continuous mode. With tank unit (2 x 35 L feed, concentrate and 1 x 5 L electrolyte mounted in an rack with valves, tubing and feed&bleed arrangement), two conductivity and one pH meter, flow-through regulation and pressure measurement, peristaltic pump for chemical dosage (e.g. for automatic pH stabilisation in diluate, or maintaining conductivity by brine dosage), software package for measurement, online display and

### - EDR Automatic Upgrade

Upgrade of pump unit and control packages to EDR (available for all control packages): automatic electrical valves and switch of polarity of electrical current. Including software implementation.

EDR for  
standard ED  
with controller

## Spare Parts

PCCell ED 64 0 02  
PCCell ED 64 0 04



medical &  
laboratory technologies

kocaktip.com.tr