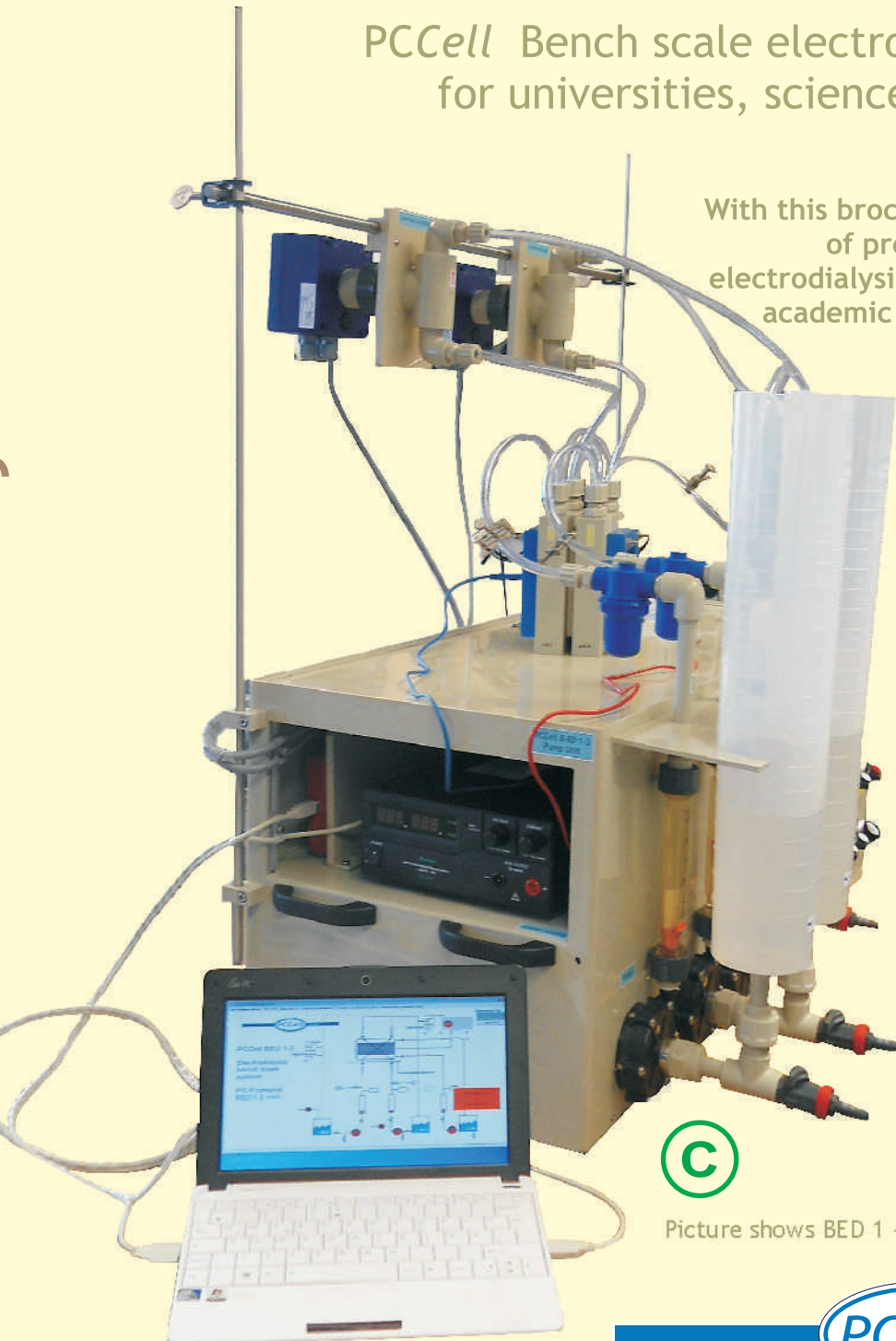


# Bench Scale Laboratory Electrodialysis Systems

PCCell Bench scale electrodialysis systems  
for universities, science and education

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

www.electrodialysis.de



Picture shows BED 1 -2 compact measurement

## Order and delivery conditions:

Prices: are offered € without shipment,  
tax and VAT  
Delivery conditions: PCCell terms of delivery  
Payment: In advance after receipt of pre-  
payment invoice

The information in this brochure is presented in good faith, and all recommendations or suggestions are made without guarantee. The products are intended for use by persons having technical skill, at their own discretion and risk. PCCell is not responsible for any risks or liabilities which may result from the use of its products.



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Internet: <http://www.electrodialysis.de>



A

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

**A BED1-2 Basic** standard ED  
 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.

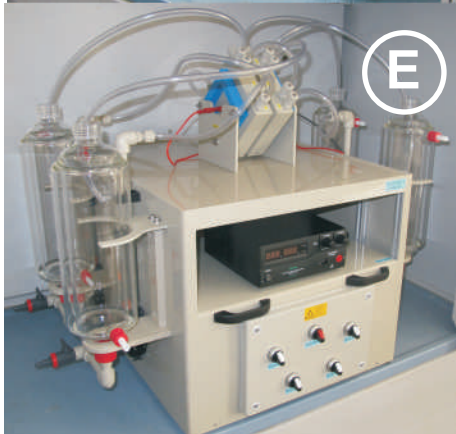


B

**B BED1-2 Compact** standard ED  
 Basic ED system with ED 64002 with 10 cell pairs.  
 Additionally to A with pressure measurement and regulation, tripod set and flow-through-adapters

**C BED1-2 Compact Measurement** standard ED  
 Electrodesalination 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.

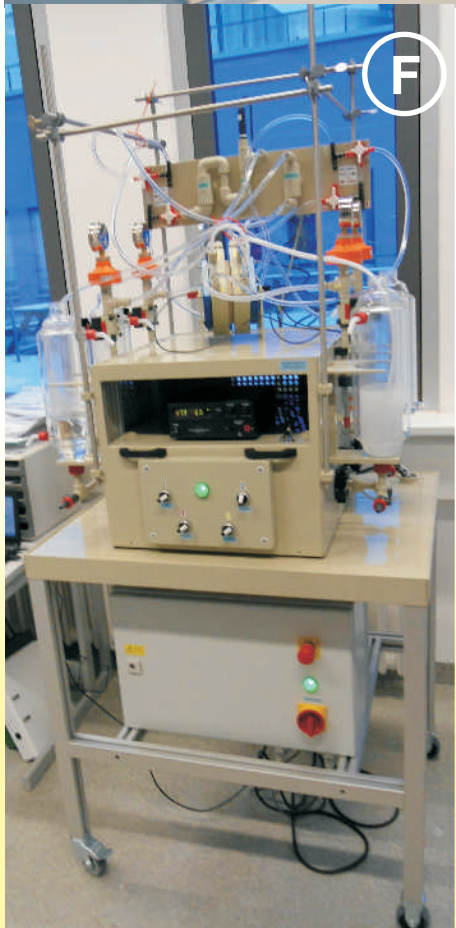
**D BED1-3 Compact S** standard ED  
bipolar ED  
 Basic EDBM system with ED 64004 with 5 cell triplets with bipolar membranes.  
 complete system with power supply, 2 L pp feed cylinders, prefilters, pressure measurement & regulation, connector tubes and wires.



E

**E BED1-4 Basic** standard ED  
bipolar ED  
metathesis  
 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.

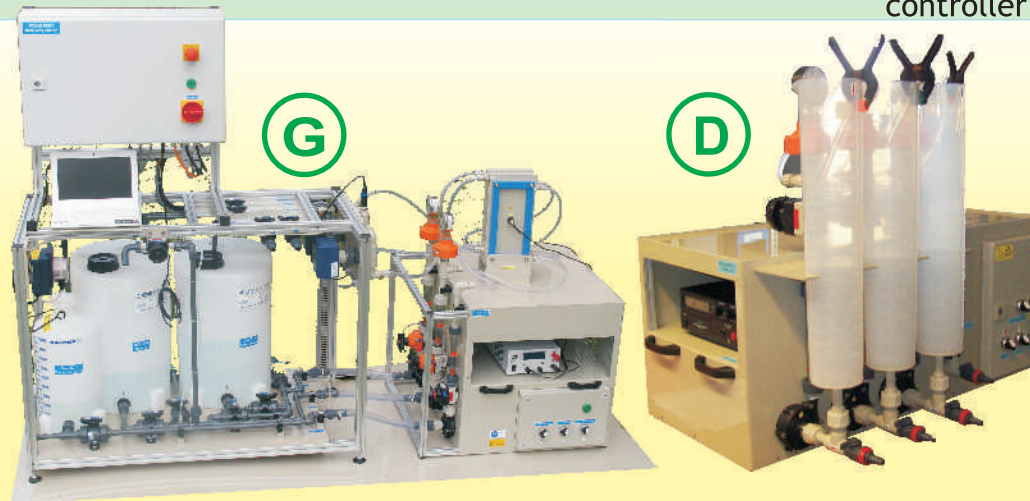
**F BED1-4 Control and Measurement** standard ED  
bipolar ED  
metathesis  
 Basic EDBM system with ED 64004 with 10 cell triplets with bipolar membranes.  
 Additionally to E with three conductivity and one pH meter, tripod set, flow-through regulation and pressure measurement, manual EDR valves, peristaltic 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.



F

**G BED2-2 Automatic Package** standard ED  
 Electrodesalination 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 a 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** EDR for  
standard ED  
with  
controller  
 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.



G

D