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# **Xpress Dialysis Box**

# Multifunctional Dialysis Box





#### **EFFICIENT**

- Dialysis Box and dialysis cartridges fit SBS formate
- Scalable number of samples up to 96 samples
- Removable inserts with 48 and 96 grid, fitted with dialysis cartridges
- Shared large buffer reservoir for short dialysis times



#### **AUTOMATABLE**

- SBS compatible
- Suitable for multichannel pipettes
- Developed and tested for automated liquid handling devices\*
- Fixation possibility of cartridges, inserts and dialysis box

\* Tested with CyBio FeliX, Analytik Jena



#### **MULTIFUNCTIONAL**

- Live tracking of dialysis through sensor technology
- Mixing of the buffer by a magnetic stirrer
- Prepared for connection of a peristaltic pump (Luer Lock connections)
- Mixing the dialysis buffer by circulation
- Buffer change via peristaltic pump

# **Specifications**

- Volume: 700 ml
- Material: PP (box, grid)
- Autoclavable (box, grids, scienova Dialyzers)
- Dimensions: 127 mm × 85 mm × 100 mm (width × depth × height), weight: 100 g

# Compatible for scienova Dialyzers

scienova Dialyzer	Sample Volume	Max. Sample Numbers
MD100	10–100 μl	96
MD300	50–300 μl	96
ED300	50–300 μl	96
MD1000	150–1000 μl	48

# Dialysis Box with Sensor

Dialysis progress is monitored via measurement of the conductivity in the dialysis buffer

- Software for Microsoft Windows
  - Live Monitoring of Conductivity and temperature
  - Data export (CSV)
  - Buffer change message
- Benefits:
  - Process monitoring
  - Process documentation
  - Complete dialysis or change buffer at the optimal timing
- Measuring device (USB port)
- Power supply via USB port

## Available variants

Choose according to your needs from the variants

## scienova Dialysis Box

(Empty Box)

Lid included, Fixing accessories

Optional box with sensor (Conductivity and temperature)



#### scienova Dialysis Box Refill-Kit

- 12 cartridges (MD100, MD300, ED300) for 96 samples or
- 8 cartridges (MD1000) for 48 samples

Equipped and fixed in the insert 48-grid or 96-grid



Measuring device for Dialysis Box with sensor

- Connection to USB port
- Software for Microsoft Windows 10



Set for the use of the Dialysis Box with Liquid Handling Device

- Dialysis Box with sensor and accessories or
- Peristaltic pump and accessoires



Workplace for safe and easy operation of the dialysis box

- Dialysis Box with sensor and accessories or
- Magnetic stirrer and accessories or
- Peristaltic pump and accessoires



Various accessories

- Workplace, peristaltic pump, magnetic stirrer
- Tubes, Luer Lock adapters, Lid for Dialysis Box
- Fixation accessories