

# Xpress Dialysis Box

## Multifunctional Dialysis Box

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### EFFICIENT

- Dialysis Box and dialysis cartridges fit SBS format
- 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

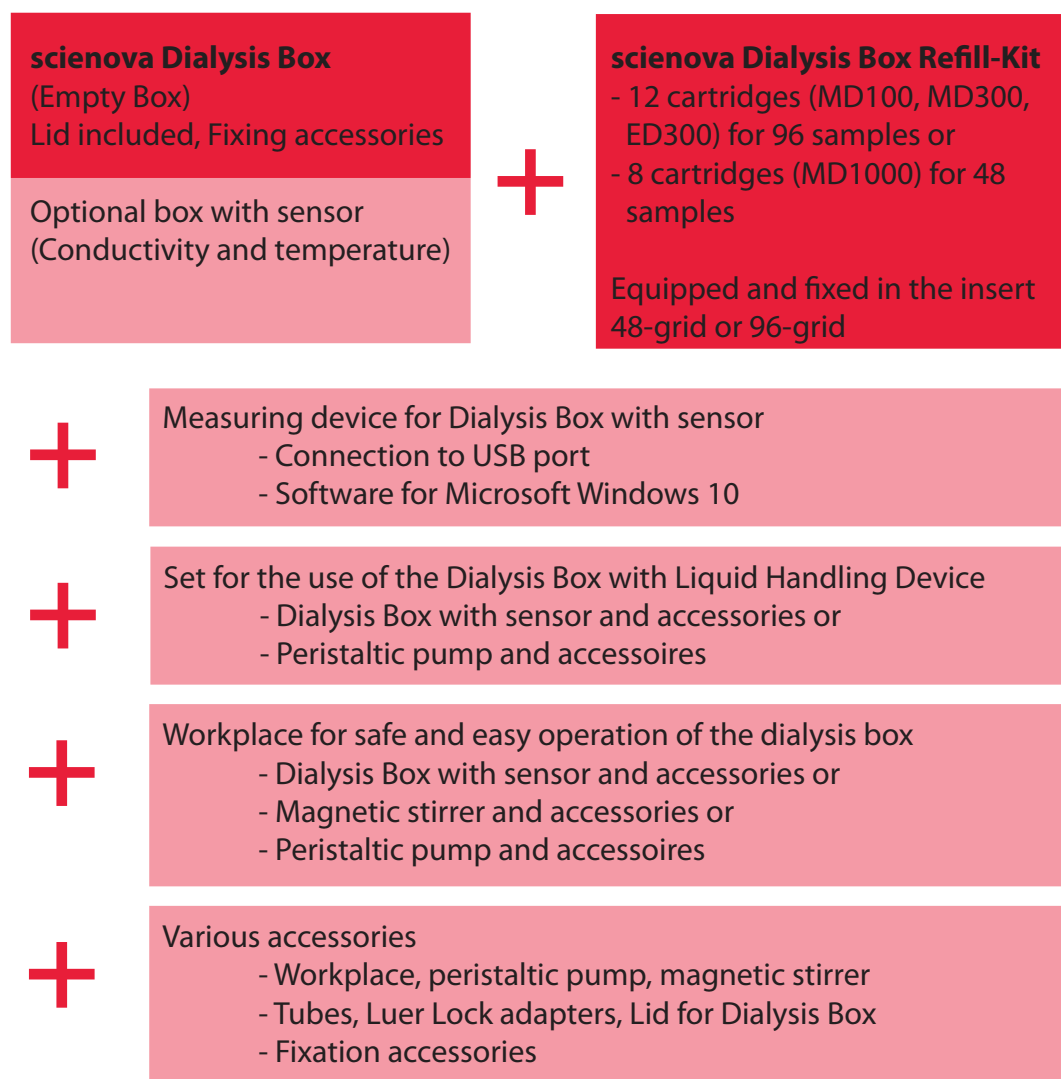
- Volume: 700 ml
- Material: PP (box, grid)
- Autoclavable (box, grids, scienova Dialyzers)
- Dimensions: 127 mm × 85 mm × 100 mm (width × depth × height), weight: 100 g

## 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

## Available variants

Choose according to your needs from the variants



## 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