6008 CAREsystem
More care. Less complexity.
6008 CAREsystem
AutoSub plus
Enables the automatic maximisation of substitution rate

Emergency button
Initiating four essential steps at once

OCM® Online Clearance Monitor
Monitoring the effective dialysis dose

Streamlined design
Fewer user actions required

BVM – Blood Volume Monitor
Advanced fluid management

BTM – Blood Temperature Monitoring
Individual temperature control

AutoFlow
Dialysate flow savings without significantly compromising \( K_{rea} \)

EcoFlow
Sensible use of resources
IT workflow support
Retrospective treatment data documentation

DIASAFE® plus
Sterile and non-pyrogenic dialysis and substitution fluid
**General data**

- **Dimensions**: 1,680 x 350 x 780 mm (H x W x D) at dialysis chair/bed level (width at base: 520 mm, depth with canister holder: 900 mm) approx. 115 kg
- **Weight**: approx. 115 kg

**Water supply**
- **Water inlet pressure**: 1.5 to 6.0 bar
- **Water inlet temperature**: 5 to 30°C; for “integrated hot rinse” 85 to 95°C
- **Max. drain height**: 1 m
- **Flush (optional)**: Rinsing of the water supply area

**Concentrate supply**
- **Supply pressure**: 0 to –100 mbar; 1 m max. suction height with Central Delivery System (CDS): 0.05 to 2.0 bar
- **Central supply**: 2 central acid concentrates (optional)

**Electrical data**
- **Power supply**: 100 to 240 V AC ± 10%, 50 to 60 Hz
- **Current consumption**: Approx. 8 A (at 230 V) at a water inlet temperature of 17°C, dialysate temperature 37°C, Dialysate flow: 500 mL/min

**External connections**
- **Alarm output**: potential free alarm outlet (alternating contact max. 24 V/24 W).
- **LAN (RJ 45) port for data exchange with the Therapy Data Management System (optional)**

**Extracorporeal circuit**

- **Arterial pressure monitoring**
  - Display range: –300 mmHg to +300 mmHg
  - Accuracy: ± 7 mmHg
  - Resolution: 5 mmHg
- **Venous pressure monitoring**
  - Display range: –100 mmHg to +500 mmHg
  - Accuracy: ± 7 mmHg
  - Resolution: 5 mmHg
- **Arterial blood pump**
  - Blood flow range: 30 to 600 mL/min
  - Accuracy: ± 10%
  - Resolution: 10 mL/min
- **Single needle system (optional)**
  - Internal pressure/pressure control with variable stroke volume (max. 60 mL/min)
- **Air bubble detector**
  - Ultrasound transmission measurement through tubing, additional capacitive level and infrared optical monitoring
- **Heparin pump**
  - Delivery range: 0.5 to 10 mL/h
  - Bolus function: 1.0 to 20.0 mL
  - Syringe size: 20 mL, 30 mL
- **Dialysis fluid circuit**
  - **Dialysis fluid flow range**
    - Selectable
    - AutoFlow (selectable)
    - Eco Flow
  - **Dialysis fluid temperature**: 34 to 39°C

**Dialysis fluid concentration (conductivity)**
- **Range**: 12.8 to 15.7 mS/cm
- **Accuracy**: ± 0.1 mS/cm
- **Resolution**: 0.1 mS/cm

**Dialysis fluid acid component**
- **Mixing ratio**: Adjustable, e.g. 1+44, 1+34
- **Adjustment range**: 125 to 151 mmol/L, depending on the concentrate used ± 10 % of the base value

**Dialysis fluid bicarbonate component**
- **Default mixing ratio**: 1+27.6 (others possible)
- **Adjustment range**: 20.0 to 40.0 mmol/L (depending on the concentrate used; increments of 0.5 mmol/L)

**OCM®**
- **Accurate Clearance K**: Online Clearance Monitoring
- **Accuracy**: ± 6%

**Bicarbonate dry concentrate**
- **bicarg®**

**Dialysis fluid filter system**
- **DIASA® plus**

**ONLINEplus**
- **Substitution rate**: 25 to 600 mL/min
- **Accuracy**: ± 10%

**Balancing accuracy**
- **Accuracy**: ± 0.1 % related to the total dialysis fluid volume

**Pressure holding tests**
- **Accuracy**: ± 2%

**Blood leak detector**
- **Sensitivity**: ≤ 0.35 mL blood/min (Hct = 32 %)
- **Flow rate**: 100 mL/min to 1000 mL/min

**BTM (optional)**
- **Temperature measurement**: Accuracy ± 0.2°C
- **Recirculation measurement**: Accuracy ± 2%

**BPM (optional)**
- **Display range**: Systole: 60 mmHg to 250 mmHg
- **Diastole**: 40 mmHg to 200 mmHg
- **MAP**: 45 mmHg to 235 mmHg
- **Pulse**: 40 to 200 1/min
- **Accuracy**: ≤ ± 5 mmHg
- **Resolution**: 1 mmHg

**Disinfection and cleaning programmes**

- **Rinse**
  - Temperature/flow: 37°C/600 to 700 mL/min (adjustable)

- **Hot rinse (recirculation)**
  - Temperature/flow: 85°C/max. 600 mL/min

- **Cleaning Sporotal® 100 (recirculation)**
  - Temperature/flow: 37°C/600 to 700 mL/min (adjustable)

- **Heat disinfection Diasteril®/Citrosteril® (recirculation)**
  - temperature/flow: 85°C/600 to 700 mL/min (adjustable)

- **Cold disinfection Puristeril® 340/plus (recirculation)**
  - Temperature/flow: 37°C/600 to 700 mL/min (adjustable)

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*Various programme combinations selectable.

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