The Artis Physio Plus multi-therapy system is Baxter’s newest innovation for effective delivery of hemodialysis therapy.
ARTIS PHYSIO PLUS Main performances

TREATMENT MODALITIES
- HD double needle (DN) and single needle double pump (SN DP)
- HDF/HF predilution, HDF postdilution, UltraControl HDF modality
- HDx expanded hemodialysis with the Theranova® dialyzer
- BiCart Select system and BiCart Select Citrate system
- HemoControl modality: automatic sodium and UF profiling
- Flexible isolated UF

TREATMENT MONITORING
- Programmable patient card for treatment prescription
- BPM: Blood pressure monitoring
- Diascan monitoring: measurement of ionic clearance and Kt/V
- Hemoscan monitoring: measurement of the blood volume variation
- Smartscan: programmable alert system
- Dialysis reporting page: treatment summary and event log

ARTIS PHYSIO PLUS Technical specifications

**DIMENSIONS AND WEIGHT**
- Width: 660 mm
- Depth: 700 mm
- Height: 1550 mm (without IV pole)
- Weight: < 135 kg

**BLOOD MODULE**
- Blood flow control
  - Actual blood flow rate HD DN: 10 to 500 mL/min
  - Mean blood flow rate SN DP: 20 to 270 mL/min
  - Stroke volume SN DP: 25 to 60 mL
- Blood circuit pressure supervision
  - Arterial pressure: -300 to +150 mmHg
  - Venous pressure: +10 to +400 mmHg
  - Single needle pressure (SNDP): +40 to +450 mmHg
- Air detection Ultrasonic detector
- Heparin syringe pump
  - 1.5 to 10 ml/h (Syringe 30 ml) or 0.5 to 4.0 ml/h (Syringe 10 ml)
  - Linear or intermittent infusion rates, manual bolus and programmable stop time

**FLUID MODULE**
- Water supply
  - Inlet pressure: 150 to 800 kPa
  - Inlet temperature: +5 to +32°C (230V) or +10 to +32°C (115V)
  - Inlet water quality: Must comply with local standards and ISO 13959 standard

**Dialysis fluid preparation and monitoring**
- Flow rate (HD treatment): 300-800 mL/min (by step of 50 mL/min)
- Temperature: +34.0 to +39.5°C
- Sodium range: 130 to 160 mmol/L
- Bicarbonate range: 24 to 38 mmol/L
- Dry bicarbonate BiCart cartridge
- pH (optional): 1.0 to 13.0 pH units
- Substitution fluid (on-line HDF/HF): 1.2 to 27 L/h (maximum 150 L)
- Concentrate low consumption mode
- Connection to central concentrate supply (optional)
- Ultrafiltration control
  - UF volume: 0 to 24 L, in steps of 0.05L
  - UF rate: 0 to 3 L/h
  - Blood leak detection Infrared light

**Disinfection and rinse**
- Heat, and chemical disinfection
- Integrated heat mode with Baxter CWP
- Heat with CleanCart A or C cartridge (disinfection + deproteination or decalcification)
- Chemical Stand-by mode
- Weekly disinfection program with auto-On/Off
- Disinfection process history
- U9000 ultrafilter management

**Power supply**
- Voltage: 230/240 VAC (± 10 %) or 115 VAC (± 10 %)
- Frequency: 50/60 Hz (± 5 Hz)
- Power consumption: Max. 10 A at 230/240 VAC or Max. 16 A at 115 VAC
- Battery backup power supply: Up to 15 min

**External connectivity**
- Ethernet port 10/100 base T
- IT connectivity with HL7 protocol
- USB port for Baxter Service Operations

**SYSTEM INTEGRATION**
- ArtiSet blood tubing system with auto-loading procedure
- One-button auto-priming procedure
- EvaClean integrated draining of priming fluid
- Automated priming, patient connection and rinseback
- Ultra Prime function for on-line priming, bolus and rinseback
- NavPad user interface navigation system
- Programmable user timer
- Open connection to IT network for clinical data management
- Integrated service mode


For safe and proper use of the device mentioned herein, please see the Operators Manual

* Do not use Theranova dialyzers in HDF or HF mode

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