

Technology

A dialysis system with cutting edge technology:

- Full touch screen showing all data in a single glance.
- Redundant system to insure maximum Safety
- RS-232 port for maintenance at a distance
- And yet very user friendly

High precision & safe UF control & measurements
Technology using a true single pass for with error as low as 1g /hr

Safety is insured by various programmable disinfection techniques:

- Chemical cleaning
- Chemical disinfection
- Thermo Chemical disinfection
- Thermal disinfection

Treatment Modality

- Double needle dialysis
- Single needle dialysis w/ single pump
- w/ double pump
- Sequential dialysis
- Acetate dialysis
- Bicarbonate dialysis
- Liquid Bicarbonate Unidose

Profiling

- Sodium
- Bicarbonate
- Ultrafiltration
- Heparin
- Hemodiafiltration HDF
- HDF w/reinfusion
- PHF online HDF

Accessories & options

- Water ultra filter
- Dialysate ultrafilter
- Sphygmomanometer
- Caedic function monitor
- Hematocrit monitor



D² Helix™

Dialysis You Can Trust

Technical Data

- Fully computerized system
- Full touch screen software
- RS 232 integrated opto-isolated connection for maintenance

Blood flow control: 20 ml/min steps

Single pump 0 to 800 ml/min

Double pump 0 to 600 ml/min

Blood pressure:

Venous -400 to 880 mm Hg

Arterial -400 to 880 mm Hg

TMP -60 to 520 mm Hg

Heparin pump:

Syringe size 20, 30 & 50 ml

Flow rate 0.1 to 10 ml/hr

Alarm systems:

Air bubbles on venous line

Technique Ultrasound

Sensitivity bubbles = 10 µl

Blood on arterial & venous lines

Technique IR light

Blood leaks IR light

Dialysis Fluids:

Flow rate 300 to 800 ml/min

Temperature 35°C to 39°C

Ultrafilter MF-100-DC

Conductivity:

Total 12.1 to 15.8 mS/cm

First step 2.4 to 3.6 mS/cm

4.0 to 6.0 mS/cm

Ultra filtration control:

Absolute Single Pass Coriolis Force

UF rate 0.1 to 2.5 kg/hr

Accuracy ± 1 g/min or ± 1%

Dimensions & requirements:

Size HxWxD 1740 x 500 x 755 mm

Weight 98 kgs

Water quality > AAMI norms

Water Temp. °C to 39

Filter MF 900

Power requirements:

Voltage 115–230 VAC ± 10%

Frequency 50 to 60 Hz



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