



EG: M&

Dialyzer Reprocessing Device



HEMODIALYSIS



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Clinical Application

- It could clean and sterilize different high and low flux dialyzer, and inspect automatically blood capacity as well as membrane broken experiment and pressure inspection, it can clean, sterilize and inspect two dialyzers at the same time. With the printer function, it can print the inspected data and stick on cleaned dialyzer

Function setting

- Self-test function switch
- Information memory of all aspect of dialyzer which makes easier operations
- New full touch screen display
- Spare pump counter-rinse, to reach the best effect
- Automatic accurate inspection of blood capacity sensor
- Automatic accurate inspection of pressure sensor
- Automatic exterior connector inspection if is tightly linked or not
- Able to handle any kinds of hollow fiber dialyzer
- (HD) Common dialyzer
- (HDF) High efficiency and high-flux of hemodiafiltration dialyzer
- (HF) hemofiltration dialyzer
- Easy to use operator interface
- Designed for saving water and low inflow pressure to unload central water supply
- Provided of automatic data saving when power cut
- Professional maintenance interface which can inspect if all valves and pumps working status
- Special detector to inspect disinfection solution concentration which assures the required disinfection
- Concentration of filled dialyzer to avoid the disinfection failure caused by man
- Provided of alarm for blocked or folded tube which assure liquid filling with dialyzer during the disinfection
- Automatic liquid disinfection convecting, rinsing and filling-up dialyzer system

Main technical parameters

- Exterior size: 480mm X 430mm X 560mm
- Weight: 25kgs approx.
- Environment temperature : 5- 40°C
- Relative humidity: 10%-80%

Dialyzer test

- Pressure test: put 290mmHg \pm 10mmHg pressure to one side of blood chamber.
- Pressure release of dialyzer should be less than :
Low flux dialyzer :0.83mmhg/sec
High flux dialyzer :1.25mmhg/sec
- Capacity test: Scope:0-150ml, error: \pm 3%
- Water required : Water temperature:10-30°C
- Water quality required : RO water reach the standard 5.1.2 of "operation regulation of dialyzer reprocessing equipment" of Ministry of health
- Water input pressure:0.15MPa-0.35MPa
- Water input flux :> 1600ml/min
- Rinsing time :2min/time
- Disinfection time: 7min/time
- Reprocessing dialyzer time : 11 min/time
- Water amount: about 8L/dialyzer
- Power supply: AC220V
- Disinfection solution: common disinfectant, ie, peracetic acid renalin and other special disinfectant.
- Proposed use: 12%-15% peracetic acid or 100% renalin (alternative)



Cod. ES-FM&

Printed parameters:

- English : 6x8 lattice print rate:1 sec./row
- Label printout:

Dialyzer reprocessing machine

Name:

Dialyzer:

Reusing times :

Date/time: 2014.10.6 / 11:30

Parameter:

UF index: \geq 15

Test result :

Blood volume		
0077ml		
Pressure input mmhg	Pressure release mmhg	Ratio %
327	010	003

Conclusion :broken membrane



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