

SEMI AUTOMATED

DIALYZER REPROCESSING SYSTEM

A locally assembled DIALYZER Reprocessing Machine for cleaning and disinfection of dialyzers used in dialysis. A fully functional system controlled by a programmable logic controller equipped with necessary controls and visual indicators. The system can be customized of up to 8 Stations and an option of Wall Mounted and Cabinet Type with built in fiber Glass Sink and Acrylic Cladding.

Specifications

- 4 Station Semi Automated Dialyzer Reprocessing System
- Various Configuration: WALL MOUNTED TYPE
- Input: 220 VAC, 60 HZ / 24 Vdc Power Supply
- Origin : Locally Assembled
- 304 Stainless Steel Frame
- Laser Cut Acrylic Cladding
- Chemical Resistant
- Fiber Glass Sink
- Automatic Flushing, RUF and Final Rinsing sequence
- Timer Controlled Sequence Compatible to all types of Dialyzers
- With individual in-line pressure gauge to monitor operating pressure
- Manual preparation of disinfectant
- Manual System cleaning
- Using chemical resistant tubing and fittings
- Individual LED indicators for Flushing, RUF, Final Rinsing, Disinfection and Finish
- 24 VDC/220 VAC SS 316 Solenoid Valves for Flushing, RUF and Final Rinsing Manual TCV
- Testing using High Precision Digital Pressure Gauge
- Provided with Male to Male Coupling Adaptor for rinsing and disinfection of the system

5 Station Semi Automated Dialyzer Reprocessing System (Wall Mounted)



6 Station Semi Automated Dialyzer Reprocessing System (Cabinet Type)

2 Station Semi Automated Dialyzer Reprocessing System (Cabinet Type)



Specifications

- Automated Rinsing System for Dialyzer Using Programmable Logic Controller (PLC) as main Control System.
- Simplified Wiring System
- With 300-500 Watts Power Supply for Load Requirement.
- Integrated with individual Sim Relays to control the load.
- With Pressure Relief Valve
- Programmable Rinsing and RUF Time. (Default)
Rinsing - 5 Minutes
Final Rinsing - 5 Minutes
- Individual water pressure regulator to maintain adequate pressure every station.
- Input Pressure Gauge for incoming pressure monitoring.
- IN Line Pressure Gauges to monitor in line pressure each station.
- Using Peristaltic Pump (Positive Displacement Pump) for chemical disinfection.
- Using Diaphragm Pump for Total Cell Volume Test (TCV).
- Individual Push Button Switches.
- Visual indicators during operation using 24 Vdc 16 mm Pilot Lamps.
- GREEN - RINSING
- ORANGE - RUF (REVERSE ULTRA FILTRATION)
- RED - DISINFECTION WHITE - PROCESS COMPLETE



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