

# KIDNY-KLEEN<sup>®</sup>

Dialyzer Reprocessing System  
MODEL SD I

*New Innovation*



## **Achieving Your Goal in Dialyzer Reprocessing by**

- Fully Automated/Computerized Dialyzer Reprocessing Process
- High Standardization in Cleaning, Volume measuring, Leak testing and Chemical disinfecting
- No external dilution/ Minimize chemical contact
- Time and Cost effective

# A Patient & User-Friendly Reprocessing System



## The New Innovative Reprocessing System

Automatic dialyzer reprocessing with recommended dilution ratio of Peracetic Acid with gently pressure condition

## High level of Standardization

- Reliable cleaning and disinfecting
- Accuracy volume measuring and leak test

## Patient & User Friendly

- Separated Mixed and Volume tanks to minimize cross contamination
- No external dilution
- Easy operation
- Automatically Shut down after system disinfecting

## Patient Data Management

- Memorize last five reprocessing data
- Reprocessing data can be transferred via RS-232

## Specifications

### Physical Specifications

Dimensions	45(w)x52(d)x52(h) cm
Weight	Approx. 33 kgs
Power	100-240 VAC
Power Frequency	50-60 Hz
Power Consumption(max)	80 w
Peak (switching on, max)	300 w
Current Leakage	<100 $\mu$ A
Temperature	10°-35° C
Humidity	10-80%

### Display

LCD	132 x 39 mm
Backlight	Yellow; automatic shut off, and light when any key pressed
Data display	Reprocessing data and status Date and Time

### Dialyzer Testing

- Leak Test: Pressurize to -250 mmHg  $\pm$ 10% and hold for 20 seconds
- Leak Test Passed: Pressure dropped not over;  
Low Flux: 16 mmHg  
High Flux: 25 mmHg
- Volume Measuring: Range 25-300 ml. Accuracy  $\pm$  5%
- Low Limit Setting: Automatically set at 80% (default value) of its original priming volume

### Safety Alarms

- Audible and Visible alarm for
- Loose Connector
  - Self Test & Disinfection Interlock
  - Dialyzer Priming Volume Failure
  - Priming Volume lower than limit
  - Leak Test Failure
  - Incoming Water Pressure Failure
  - Empty Solution

### Water Requirement

- Purity: RO or DI water in accordance with AAMI Standard for Hemodialysis
- Input Pressure: 20-50 psi at flow rate 1.5-3.0 l/min
- Water Consumption: ~25 l/cycle

### Chemical Requirement

- PERASAN<sup>®</sup> or other commercial Peracetic Acid Conc. 3.5-4.5%
- Consumption;  
Low Flux: 26 ml.  
High Flux: 41 ml.

### Reprocessing Time

- Approx. 10-12 min

## Accessories



Blood Port Storage Cap



Vented Dialyzer Port Storage Cap



White Barrier Adapter



PERASAN<sup>®</sup> Cold Sterilant, Test Strips



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