

SPECIFICATION FOR DIALYZER REPROCESSING MACHINE

1. Fully automated / computerized dialyzer reprocessing system.
2. High standardization in cleaning, volume measuring, leak testing and chemical disinfecting.
3. No external dilution / minimize chemical contact.
4. Separated mixing and volume tanks to minimize cross contamination.
5. Automatically shutdown after system disinfecting.
6. Simultaneously and independently reprocess two or more dialyzers.

DIALYZER REPROCESSING

7. REPROCESSING PROCESS : Automatic cleaning, volume measuring, leak testing and chemical filling.
8. Should be able to process all types and brands of dialyzers.
9. Volume measuring range = 25-300 ml
10. Volume measuring accuracy + 5%.
11. Leak test method, low limit setting should be specified.

ELECTRICITY REQUIREMENT

12. 100-240 VAC , 50-60 Hz.
13. Temperature 10-35 degree
14. Humidity 10-80 %
15. RO or DI water in accordance with AAMI standard for hemodialysis.
16. Input pressure 25-30 psi.
17. Flow rate 1.5 – 6.0 liters/minute
18. Water consumption 27 liters/dialyzer
19. MDT PLUS 4 Cold sterilant or any other commercial peracetic acid conc. 3.5-4.5 %
20. Quantity consumed to be specified for dialyzers.
21. Loose connector
22. Dialyzer volume priming failure.
23. Leak test failure.
24. Empty Solution.
25. Self test and disinfection interlock.
26. Priming volume lower than limit.
27. Incoming water pressure failure.
28. LCD, backlight with auto shut off.
29. Data display, reprocessing data.
30. Failure message.
31. Status
32. Date and time
33. 10-13 minutes / dialyzer
34. Data management system.

35. Sterilant volume indicator cartridge

- Three years warranty and should provide technical support and required spares and consumables for 7 years after warranty period is over. CMC for 5 years will be required, duly supported by their principals.
- It should follow international standard and safety requirements.
- User's list with the addresses and contact Nos. to be provided.
- Demonstration is compulsory.
- Operating and detailed service manual should be supplied.
- Service in Mumbai good.

Professor & Head,

Department of Nephrology