

DIALYZER REPROCESSOR SYSTEM

FULLY AUTOMATIC REPROCESSOR

RENATEC

TEC11 Series FULLY AUTOMATIC REPROCESSOR SYSTEM

RENATEC TEC11 SERIES is a reliable and safe, user-friendly fully automated dialyzer reprocessing system with touch screen and simple operate. It is compact, easy to use and unique features.

Systems include RENATEC TEC11 SERIES Dialyzer Reprocessing Station, calibrated volume cell, cables, drip tray and inlet pressure gauge.



Features and Benefits

Reliable and Safe

- Fully automatic reprocessing and disinfecting cycles
- Built-in effluent basin
- Membrane pressure leak test
- Low water inlet pressure alarm
- Chemical detection sensor
- Dialyzer disinfectant fill sensor
- Chemical concentration sensor

User-Friendly

- Easy to operate LCD touch screen
 - Selectable or presets of dialyzer cell volume selections
 - Total cell volume measurement and display
 - Reverse ultra-filtration cleaning
 - Selectable programs for all types of dialyzer
- Innovative Design
- Economical consumption of disinfectant
 - Accepts most common disinfectants



TEC11 SERIES Ver 220801-2.0

Technical Data

Technical Specifications

| | | |
|-------------|---|---|
| Dimensions | : | Height: 420mm Width: 380mm Depth: 420mm |
| Weight | : | ≈30kg |
| Power | : | 100 – 130 VAC, 60Hz 220 – 240 VAC, 50Hz |
| Consumption | : | 150W |

Installation

Environmental Limits

Ambient temperature: 18-35° Celsius
Relative humidity: up to 80%

Water requirements

Water quality: must comply to AAMI RD62
Water pressure: 20-50 PSI
Water flow: min. 1.5 L/min
Temperature: 20-35° Celsius
Consumption: ≈18 L/cycle

Drain requirements

Flow: min. 3.5L/min
Height: min. 200mm below TEC11

Performance

Dialyzer Testing

Pressure Leak Test:
Pressure tested to 300mmHg ±10mmHg
Acceptable leakage rate is 10%

Volume Testing:
Range 10ml to 500ml
Accuracy ±5%

Reprocessing Time

Approximately 6 -12 minutes per dialyzer

Disinfectants

Company recommended disinfectants

Alarms

Audio / Visual indication of:

- Low water inlet pressure
- Low disinfectant
- Disinfectant concentration (high & low)
- Leak test failure
- Total cell volume high & low alarm preset
- Cycle complete message
- Volume measurement error



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