

Renatron® II 100 Series Reprocessing System

Change...and continuity



WORKING SOLUTIONS FOR OVER 35 YEARS



MINNTECH®
renal systems

A Minntech Corporation Business Group

Reprocessing Systems. Sterilants. Disinfectants. Concentrates.

Reprocessing Systems



THERE IS A PLACE FOR CHANGE... AND A PLACE FOR CONTINUITY

*The **Updated RENATRON® II 100 SERIES** brings all of the best features of the original but with critical enhancements determined by our customers.*

The Gold Standard in Reprocessing

History of Success

- Renatron® Introduced in 1982
- Over 25 years and tens of millions of dialyzers reprocessed

Automated Reprocessing Cycle

- 10 minute cycle flushes, cleans, tests and fills dialyzers

Complete Reprocessing System

- Renalin® 100: Environmentally safe sterilant
- Renalog® RM: Most advanced dialyzer reprocessing data management system

Expandability

- Up to 12 Renatron® II 100 Series systems can be connected together via Renalog RM

Renatron® II 100 Series Reprocessing System



On the Outside

Venous Line Clamp

- Prevent cross contamination

Color Coding

- Provide visual cues to dialyzer orientation

More Defined Control Panel Areas

On the Inside

Header Integrity Test

- Diagnostic test to verify that the header is on securely with "O" ring in place

Failed Volume Test

- Limiting the number of retests to 2 to get more accurate counts

Culture Sample Cycle

- Separate cycle for ease of taking water samples

Dedicated Clean/Rinse Cycle

- Alternative and more aggressive Formula 409® cycle for heavily deposited lines and machines

Renatron® II 100 Series

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Specifications (United States): See DFU for more detailed specifications

Electrical

	Renatron II	Interface Module	Computer	Monitor	Report Printer	Label Printer
Voltage	120 VAC, 60/60 Hz Single phase	115 VAC, 50/60 Hz Single Phase	100-120 VAC, 50/60 Hz	100-240 VAC	110-220 VAC	100-240 VAC, 50/60 Hz
Consumption	450 VA Max	20 VA Max	114 Watt Max	52 Watt Max	50 Watt Max	20 Watt Max

Water Requirements for a Single Renatron II 100 Series Reprocessing Station

Feed Line Flow	0.46 gallons/minute (1.75 liters/minute) at average pressure of 20-55 psig
Peak Flow	1.6 gallons/minute (6 liters/minute). This peak flow is for 15-35 seconds in duration.
Quality	Must meet ANSI/AAMI RD-62 and RD-47
Temperature	59°F-75°F (15°C-24°C)
Static Pressure	Should not be in excess of 55 psig (379 K Pa, 3.79 Bars)
Drain	Minimum flow requirement is 1.6 gallons/minute (6 liters/minute) per reprocessing station.

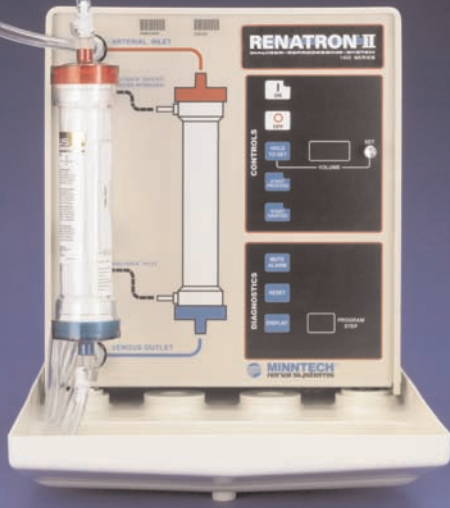
Environmental Limits

Room Temperature	41°F-104°F (5°C-40°C)
Room Humidity	Maximum relative humidity of 80% at 87.8°F (31°C)

Size and Weight

	Width	Depth	Height	Weight
Renatron II 100 Series	14.5" (41 cm)	12.3" (31 cm)	16" (33 cm)	50 lbs (23 kg)
Interface Module	12" (30.5 cm)	11" (28 cm)	3.5" (8.9 cm)	6 lbs (2.7 kg)
Drip Tray (Single)*	15.25" (39 cm)	28" (71 cm)	3.5" (9 cm)	3 lbs (1.36 kg)
Drip Tray (Dual)*	33.25" (85 cm)	28" (71 cm)	3.5" (9 cm)	6 lbs (2.73 kg)
Computer (Approximately)	7.36" (18.7 cm)	17.24" (43.8 cm)	16.18" (41.1 cm)	31.46 lbs (14.3 kg)
Monitor (Approximately)	15" (38.1 cm)	5" (12.7 cm)	16" (40.67 cm)	9.07 lbs (4.13 kg)
Report Printer (Approximately)	18" (45.72 cm)	21" (53.34cm)	9" (22.86 cm)	17.35 lbs (7.89 kg)
Label Printer (Approximately)	7.9" (20.07 cm)	9.75" (24.77 cm)	6.8" (12.27 cm)	3.2 lbs (7 kg)

*Counter depth needs to account for gauge blocks. Measurements DO NOT take into account space needed for gauge blocks (between 3" to 6"). Contact your Minntech representative for additional information.



Renatron® II 100 Series

The *Upgraded* Renatron II 100 Series Reprocessing System is the engine for the most complete reprocessing solution for your clinic.

Other components of this system include:

- Renalin® 100
- Renalog® RM
- Renalin® Indicator and Residual Test Strips
- On Demand™ Autodilution System

About Minntech

Minntech Renal Systems has been providing WORKING SOLUTIONS to the hemodialysis community since 1972. Minntech Renal Systems reprocessing systems, sterilants, disinfectants and dialysate concentrates have been used in thousands of clinics and tens of millions of treatments. Today, Minntech Renal Systems continues to provide dialysis clinics with the highest quality products and services to ensure that clinics have the WORKING SOLUTIONS necessary for optimal patient care.



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