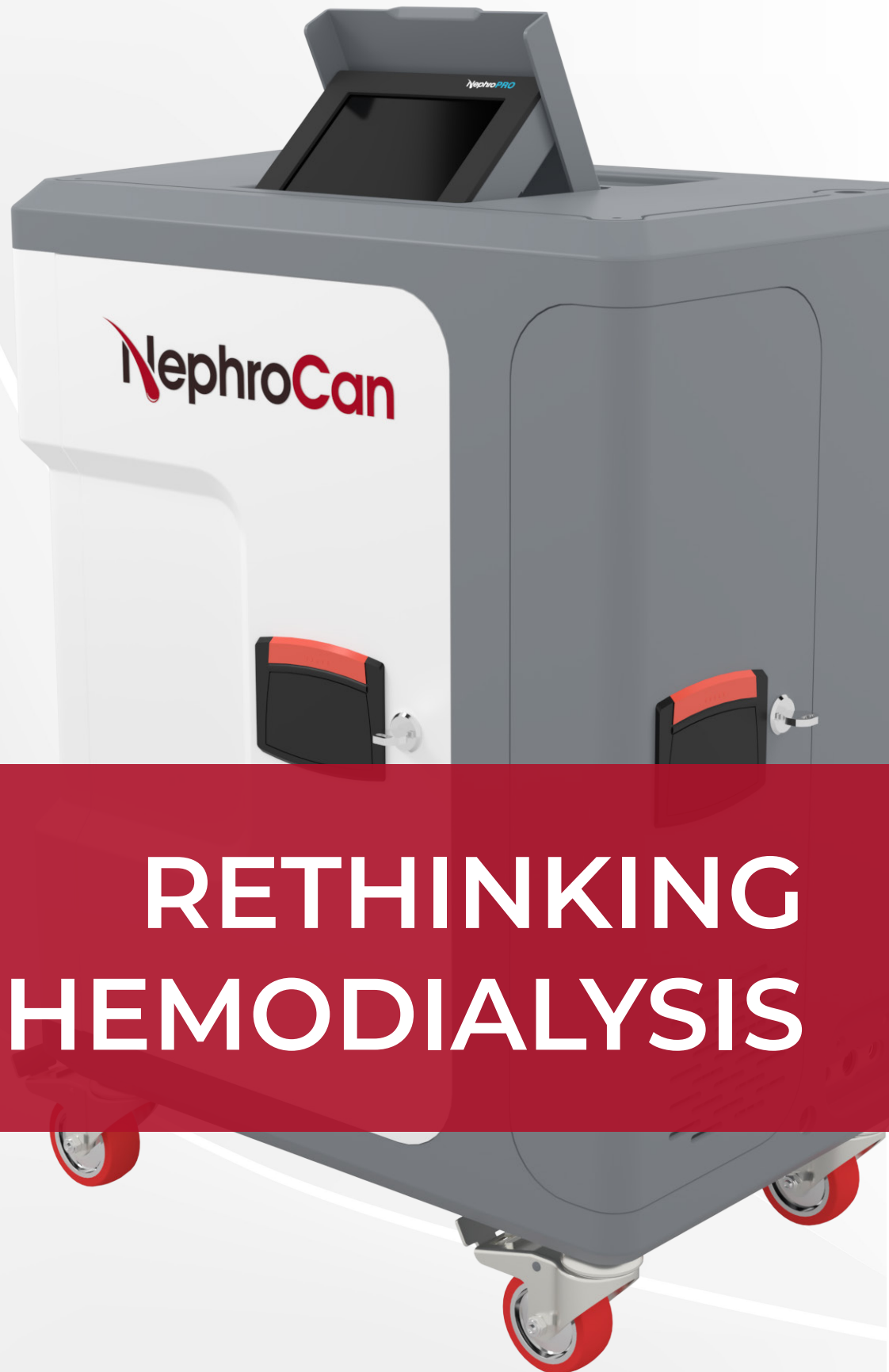


Nephro  PRO™

NephroCan

PORTABLE REVERSE OSMOSIS MACHINE



RETHINKING  
HEMODIALYSIS



2025





## CANADIAN LEADER IN HEMODIALYSIS



As a trusted Canadian provider, we are committed to delivering high-quality hemodialysis consumables, machinery, and equipment worldwide. Our goal is to ensure that our offerings are accessible and enhance patient care. We are dedicated to pioneering innovative therapies that revolutionize renal therapy, improving outcomes and enhancing the quality of life for patients globally.

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# PORTABLE REVERSE OSMOSIS

The NephroPRO™ is a versatile, portable reverse osmosis machine, designed to provide high-quality water treatment across various settings, regardless of geographical location or water conditions. Ideal for use in healthcare facilities such as dialysis centres, ICUs, CCUs, and emergency departments, this compact system also supports home hemodialysis treatments.

## NEPHROPRO CHARACTERISTICS

Ability to supply two hemodialysis machines simultaneously, at a maximum capacity of 80 L/hr

Produces purified water with conductivity of less than 100 µS/cm

Smart control system with the capability of adjusting main parameters for online operations

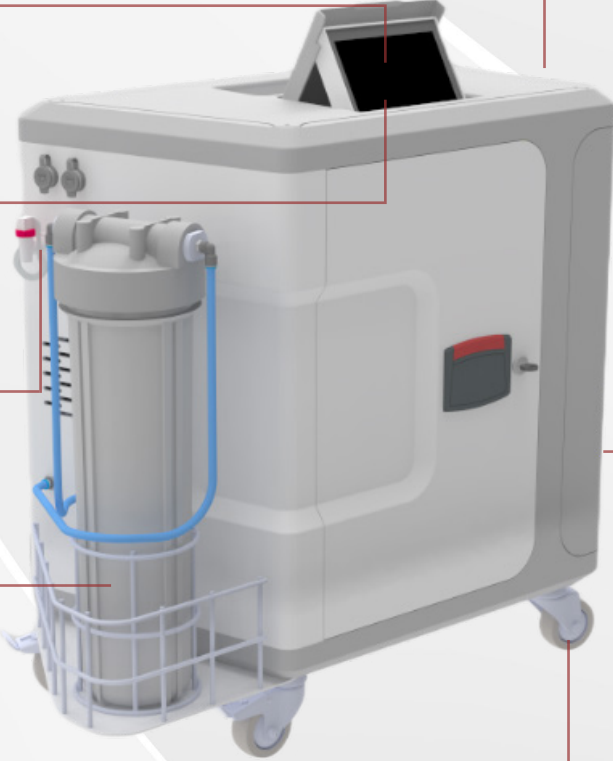
Automatic cleaning menu for easy desalination and disinfection processes

Ability to collect raw and purified water samples from accessible sampling valves prior to treatment

Option to compensate for low-quality raw water by increasing volume of pretreatment system

Compact dimensions and lightweight for easy mobility and use in all areas of the hospital

Disinfection ports at the nearest point of connection to hemodialysis machine



# SPECIFICATIONS

Portable Reverse Osmosis Machine Specifications				
Parameters	Specification			
Type	Portable RO Machine			
Description	With a stylish, compact design, NephroPRO™ is mobile and suitable for small centres or hospital use within coronary care units (CCU), intensive care units (ICU), or home hemodialysis			
Capacity	Max flow rate 80 L/hr at tap water inlet in 25°C			
Material	Stainless steel - 316L Grade			
Raw Water Connection Size	3/8"			
Electrical Phase / Frequency	Single-Phase / 50 Hz			
Working Voltage	220 Volts AC			
Inlet Temperature	Max 30°C			
Max Inlet Conductivity	2000 µS/cm			
Permeate Pressure	Max 7 bar			
Raw Water Pressure	Min 1 bar			
Electrical Protections	Compliant with electrical safety standards, and includes FI switch, grounding system, and bimetal switch			
Recovery Rate	50%			
Connection Port	Remote control-LAN and USB drive for data recording			
Interface	Multilingual, with ability to define operator access levels			
Body Material	ABS			
Other	» Equipped with functional pre-treatment system for global use, regardless of location or water quality » Continuous monitoring of critical parameters based on risk assessment, including conductivity, temperature, and pressure » Manufactured PLC, control board, functional conductivity and temperature measurement sensors, pressure transmitters, flow meter, solenoids, and a high quality pump » Automatic cleaning mode for chemical and heat disinfection			
Dimensions	Length: 77cm	Width: 50cm	Height: 85cm	Weight: 70kg



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