

Dear Kidney Community,

In recent years, we have faced unprecedented challenges as a collective, but have proven the ability to be resilient, adaptable, and forward thinking in our response. I am grateful for the support of our medical partners who work tirelessly to provide the best possible care for renal patients worldwide and continue to improve treatments and outcomes into the future.

If you are learning about us for the first time, please allow me to introduce NephroCan. We are the first and only Canadian company with an A-Z product offering, committed to improving the quality of life for patients with End Stage Renal Disease (ESRD). As a trusted partner in the field, we provide the complete treatment package of hemodialysis consumable devices and equipment.

I am proud to share that NephroCan has seen ongoing success in geographical expansion, placing products in the hands of more healthcare partners. In tandem, our manufacturing operations have been refined and products adapted toward the changing landscape of dialysis care following the COVID-19 pandemic. Looking ahead, we are using our positive customer feedback to engage in more research papers and clinical studies for the advanced development and distribution of products in the coming years.

NephroCan's guiding principle for every decision is "Rethinking Hemodialysis", rooted in the belief that all hemodialysis patients deserve to have the best quality therapy built around their individual needs. Our team is, therefore, dedicated to bringing product offerings and services that enable equal, accessible, and affordable treatment, irrespective of circumstance or location.

We look forward to sharing this vision with you, and welcome partnerships that bring us closer to our unified goal of improving hemodialysis care globally.

Delaram Hajipour Chief Executive Officer

PRODUCTS



Hemodialysis Machine

NephroCan's innovative hemodialysis machine



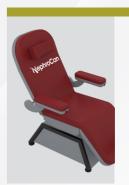
Disposable Kits

- Hemodialyzers
- Sodium Bicarbonate
- Needles
- Bloodline



Reverse Osmosis
Machines

- Central RO Machine
- Portable RO Machine



O4 Patient Chair

NephroCan's patient chair completes the full treatment package

The A to Z of Hemodialysis

NephroCan's goal is to be a singular resource for full package dialysis treatment. With a patient-focused philosophy, we believe global hemodialysis care should be versatile, equal and accessible. Therefore, our current product range caters to every need; whether a small treatment centre or a large hospital ward.

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O1 HEMODIALYSIS MACHINE

Nephro # HDM



developing versatile attributes, inclusive of a user-friendly interface and experience.

Therefore, the machine is equipped with a single, double, or triple blood pump to accommodate even the most tailored hemodiafiltration procedures. Other key features include:

- Servo system ensures the perfect blood flow, allowing for a precise anticoagulation injection during treatment
- Ultrafiltration control parameters are extremely precise, helping provide accurate measurements of the ultrafiltration (UF) rate
- Blood pressure and physiological monitoring, patient access card database, a 15-inch PCAP touchscreen interface and cloud communication, ensuring treatment process is seamless and personalized

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FUNCTION	PARAMETER	SPECIFICATIONS						
TREATMENT TYPE		HD Bicarbonate and acetate Single needle and double needle						
Ultrafiltration	Net Fluid Removal	100 mL/hr - 2000 mL/hr						
Oldanication	Measurement Type	On-line non-invasive flow metric measurement system						
	Bicarbonate Concentration	2.4 mS/cm - 3.6 mS/cm						
	Sodium Concentrate	13.5mS/cm-15.5mS/cm						
Dialysate	Dialysate Temperature	35°C - 39°C						
	Dialysate Time	15 min - 10 hr						
	Dialysate Flow Rate	300 - 700 mL/min						
	Bicarbonate Type	Cartridge Container						
	Blood Flow Rate	20 - 700 mL/min						
	Blood Pump	Brushless DC motor equipped with single fault safe driving unit						
Blood		Blood detection for safety during patient connection and disconnect						
	Blood Sensors	Ultrasound air detector in the closest position to clamp with internal self-test and air bubble detector > 40 µl						
		Venous chamber ultrasound level detector for air infusion prevention with level adjustment						
Diag d Dyago, wa	Position	3 locations: venous, arterial, and dialyzer entrance						
Blood Pressure Sensor	Range	-350 to 450 mmHg						
	Error	<1 mmHg						
Blood Sensor		Blood leakage detection with resolution of 0.35 mL/min						
	Heparin Pump	Configurable in software with different syringe types Step motor driving with accurate linear system						
Anticoagulation	Syringe Size	20 mL						
Anticoagulation	Accuracy	5%						
	Working Program	Bolus and continuous dosing Programmable profile for dosing stop time						
Disinfection		Hot rinse, chemical, hot chemical						
	CPU and Protection System	Embedded System						
Electrical		Size: 15 inch						
System	Interface	Pixels: 1024x768						
		Touch screen: PCAP						
		 » Auto shutdown after rinse » Reinfusion and priming » Real blood flow correction » Customized menu for troubleshooting » User-friendly » Profiling 						
Other	Customized Features	 » Alarm system recording » Filter and cartridge emptying cycles » Kt/V measurement » On-line real Uf measurement » Patient blood pressure monitoring » Patient access card tracking system » Cloud communication 						

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O2 HEMODIALYSIS DISPOSABLE KITS

HEMODIALYZER FILTER



Offering a wide variety of filters is our commitment at NephroCan. This is why our single-use hemodialyzers come in polysulfone and polyethersulfone, high-flux and low-flux, and a 1.0 - 2.2 m² surface range, to fit every standard machine. Sterilization methods are Gamma Irradiation (R), Ethylene Oxide Gas (EO) and Steam (S).

We are consistently working to further expand our offerings in support of every treatment requirement, while adhering to the highest standards and utmost performance efficiency. With this, NephroCan is proud to accommodate any quantity request, with no minimum baseline.





HEMODIALYZER FILTER

		Polys	ulfo	ne He	emo	dialy	zer S	pecit	ficati	ons*				
	High-Flux H	ollow F	iber F	Hemo	dialyz	er, Ste	erilize	d witl	n Gam	nma Ir	radia	tion (I	R)	
			Clearances (mL/min)										Blood	
Type	Ultrafiltration Coefficient	KoA (mL/	Ur	rea	Creat	tinine	Phosphate		Vitamin B ₁₂		Inulin		Priming	Surface Area
3,1-1	(mL/mmHg.hr)	min)	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Volume (mL)	(m²)
NephroPS100R	34.6	930	190	258	173	217	160	199	113	127	78	84	59	1.0
NephroPS130R	46.4	1030	195	264	180	234	174	219	130	146	93	103	69	1.3
NephroPS140R	50.6	1190	196	272	186	247	179	230	139	159	104	113	74	1.4
NephroPS160R	59.4	1570	197	284	193	267	188	249	153	178	117	130	86	1.6
NephroPS180R	63.7	1660	198	286	194	276	192	259	161	190	125	141	105	1.8
NephroPS200R	74.6	1900	199	290	196	283	195	277	168	208	131	152	107	2.0
NephroPS220R	80.9	2160	199	293	198	291	196	288	174	221	135	163	116	2.2
	High-	Flux Ho	ollow	Fiber	Hemo	odialy	zer, St	teriliz	ed wit	h Ste	am (S)		
NephroPS100S	32	726	185	241	170	207	158	191	108	121	74	80	59	1.0
NephroPS130S	43	930	191	258	178	225	172	211	126	144	89	98	69	1.3
NephroPS140S	47	977	192	261	180	231	176	219	133	152	93	103	75	1.4
NephroPS160S	53	1030	193	264	183	234	178	225	136	157	97	110	86	1.6
NephroPS180S	58	1140	194	270	187	245	183	236	145	170	109	121	105	1.8
NephroPS200S	66	1260	196	275	189	250	186	241	148	175	115	129	109	2.0
NephroPS220S	74	1380	197	279	191	256	188	247	153	183	121	137	115	2.2

		Polys												
	Low-Flux Ho	ollow F	iber H	lemo	dialyz	er, Ste	erilize	d with	n Gam	ma Ir	radiat	tion (F	?)	
						Cle	arance	s (mL/n	nin)				Blood	
Type	Ultrafiltration Coefficient	KoA (mL/	Ur	ea	Creat	tinine	Phos	phate	Vitan	nin B ₁₂	Inu	ılin	Priming	Surface
31	(mL/mmHg.hr)	min)	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Volume (mL)	(m²)
NephroPS10R	7.3	698	187	238	167	201	143	161	79	84	-	-	59	1.0
NephroPS13R	9.5	824	195	250	180	223	153	182	93	100	-	-	69	1.3
NephroPS14R	11.9	977	196	253	184	226	157	188	98	117	-	-	74	1.4
NephroPS16R	13.9	1240	197	274	189	243	164	196	120	135	-	-	86	1.6
NephroPS18R	16.7	1570	198	284	189	265	174	215	139	156	-	-	105	1.8
NephroPS20R	17.8	1610	199	285	191	268	177	220	145	161	-	-	107	2.0
NephroPS22R	19.8	1980	199	291	193	283	182	234	149	176			110	2.2
	Low-I	Flux Ho	llow I	Fiber	Hemo	dialyz	zer, St	erilize	ed wit	h Stea	am (S))		
NephroPS10S	6.3	637	181	231	163	198	135	156	73	78	-	-	59	1.0
NephroPS13S	8.2	757	187	244	174	217	144	170	86	96	-	-	69	1.3
NephroPS14S	8.9	812	189	249	177	223	149	175	91	100	-	-	75	1.4
NephroPS16S	10.1	874	191	254	180	229	153	182	98	109	-	-	86	1.6
NephroPS18S	11.3	961	193	260	183	235	158	190	107	120	-	-	105	1.8
NephroPS20S	12.4	1010	194	263	185	239	160	194	111	124	-	-	109	2.0
NephroPS22S	14.7	1210	196	273	187	248	168	208	113	128	_	-	115	2.2



	Polyethersulfone Hemodialyzer Specifications*													
	High-Flux Ho	llow Fil	oer He	emodi	ialyze	r, Ster	ilized	with	Gamr	na Irra	adiati	on (R)		
						Cle	arances	s (mL/n	nin)				Blood	
Type	Ultrafiltration Coefficient	KoA (mL/	Ur	ea	Creat	inine	Phos	phate	Vitam	nin B ₁₂	Inu	ılin	Priming	Surface Area
31	(mL/mmHg.hr)	min)	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Volume (mL)	(m²)
NephroPES130R	58.3	1140	197	270	192	255	181	236	147	168	107	116	72	1.3
NephroPES160R	67.0	1610	196	285	193	269	189	254	160	186	120	134	89	1.6
NephroPES180R	84.2	1770	198	288	197	279	194	262	165	194	127	144	110	1.8
NephroPES200R	87.5	1980	199	291	197	286	196	279	172	211	132	154	114	2.0

	Polyethersulfone Hemodialyzer Specifications*													
	Low-Flux Hol	low Fib	er He	modi	alyzer	, Steri	lized	with 0	Camm	a Irra	diatio	n (R)		
						Cle	arances	s (mL/n	nin)			Blood	Sur-	
Type	Ultrafiltration Coefficient	KoA (mL/	Ur	ea	Creat	inine	Phos	phate	Vitan	nin B ₁₂	Inulin		Priming	face
	(mL/mmHg.hr)	min)	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Q _B = 200	Q _B = 300	Volume (mL)	Area (m²)
NephroPES10R	8.8	556	174	220	158	190	137	157	98	107	-	-	59	1.0
NephroPES13R	10.9	689	185	237	172	212	152	180	117	131	-	-	71	1.3
NephroPES16R	12.7	836	190	251	180	230	161	192	126	141	-/	-	90	1.6
NephroPES18R	17.9	1320	197	277	184	258	171	212	134	152	-	-	112	1.8
NephroPES20R	20.7	1530	198	283	190	267	178	228	141	159	-	-	114	2.0

^{*}Specifications and performance data at QB: 200/300 ml/min, QD: 500 ml/min, QF: 0 ml/min, T: 37 °C. Performance data was measured in vitro according to standards BS EN ISO 8637-1:2020 and BS EN ISO 8637-2:2018. the tolerance for clearance numbers are 10.

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SODIUM **BICARBONATE**

The NephroCart and NephroBag are manufactured with dust-proof materials, in compliance with USP/BP and AAMI standard regulations. Both products are available in three different sizes, designed to be compatible with most popular dialysis machines in the market. A volume range ensures the full product is used, with minimal discard, while

Type Sodium bicarbonate cartridges are designed ready Sodium bicarbonate bags are designed ready to to conduct on-line preparation of liquid bicarbonate conduct on-line preparation of liquid bicarbonate Description solution for the safest and most effective hemodialysis solution for one hemodialysis treatment, using helping to customize treatments based on each individual centres' requirements. treatment. External caps provide additional protection significantly less storage space than sodium for hygienic disposal post-treatment bicarbonate cartridges **Avaliable** 550g, 650g, 750g 550g, 650g, 750g Sizes » Sodium bicarbonate powder in a polypropylene » Polyamide, polyethylene, hermetically sealed cartridge for on-line production of liquid bicarbonate package ready for on-line preparation of liquid bicarbonate solution Other » Dust proof packaging » Dust proof packaging » Open ports help eliminate perforation, reducing the » Angular design prevents loss of powder during use risk of machine damage by unsolved powder NephroCan hro Carteso

Nephro + Cart Nephro + Bag

SODIUM BICARBONATE BAG

SODIUM BICARBONATE CART

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Nephro * Needle

With quality and safety a top priority, our NephroNeedles are designed with patient comfort in mind. Precise, gentle, and secure, our needles provide vascular access while reducing risk of infection or contamination.

Key attributes include butterfly wings, allowing for exact and stable placement, as well as a back eye for easy needle insertion and no coagulation.

Features:

- Three gauge sizes: 15, 16 and 17
- Three pack types: arterial, venous, or arterial and venous
- Two tubing lengths: 15cm ("short") or 30cm ("long")







Nephro *Line

With a range of models suited for all machines, our NephroLine was created with three essential objectives in mind: clinical performance, versatility for patient treatments, and ease of use for medical professionals.

NephroLine is designed in compliance with the BS EN ISO 8637-2 requirements.

Features:

- * Advanced leak testing technology for zero contamination
- Compatibility with hemodialysis machines that use heparin clamps
- Designed with medical-grade, raw materials and includes a geometric venous chamber
- Coloured clamps for clear identification
- Transducer protector

Product	Description	Product Code		mp Segm nension (r		Blood F Volum		
Family Name		(REF)	O.D.	I.D.	Length	Arterial	Venous	
	Universal model, without drain bag, ETO sterilized, DEHP contain	4212205				82	62	
NephroLine U	Universal model, without drain bag, ETO sterilized, DEHP free	4212220				91	70	
	Universal model, without drain bag, Gamma sterilized, DEHP free	4212223	9.8	6.5	380	91	70	
	Universal model, with spike and drain bag, ETO sterilized, DEHP contain	4212305	9.8	6.5	360	82	62	
NephroLine U+B	Universal model, with spike and drain bag, ETO sterilized, DEHP free	4212320				91	70	
	Universal model, with spike and drain bag, Gamma sterilized, DEHP free	4212323				91	70	
NephroLine B	B-Braun model, without drain bag, ETO sterilized, DEHP contain	4212408	12.0	8.0	380	92	72	
	B-Braun model, with drain bag ETO sterilized, DEHP contain	4212405	12.0	8.0	380	92	72	
NephroLine B+B	B-Braun model, with drain bag, ETO sterilized, DEHP free	4212420	9.8	4.5	340	90	80	
	B-Braun model, with drain bag Gamma sterilized, DEHP free	4212423	9.8	4.5	340	90	80	
NephroLine G	Gambro model, Without drain bag, ETO sterilized, DEHP contain	4212508				90	62	
	Gambro model, with drain bag, ETO sterilized, DEHP contain	4212505	12.0	8.0	380	90	62	
NephroLine G+B	Gambro model, with drain bag, ETO sterilized, DEHP free	4212520	12.0			89	71	
	Gambro model, with drain bag, Gamma sterilized, DEHP free	4212523				89	71	
NephroLine F	Fresenius model, without drain bag, ETO sterilized, DEHP contain	4212708				82	76	
	Fresenius model, with drain bag, ETO sterilized, DEHP contain	4212705		6.5	700	82	76	
NephroLine F+B	Fresenius model, with drain bag, ETO sterilized, DEHP free	4212720	9.8	6.5	380	88	67	
1.5	Fresenius model, with drain bag, Gamma sterilized, DEHP free	4212723				88	67	
Nambual in a N	Nippro model, with spike and without drain bag, ETO sterilized, DEHP free	4213320	12.0	80	267	60	60	
NephroLine N	Nippro model, with spike and without drain bag, Gamma sterilized, DEHP free	4213323	12.0	8.0	263	69	69	
NephroLine	Nikkiso model, with drain bag, ETO sterilized, DEHP free	4213420	12.0	80		170	2/0	
K+B	Nikkiso model, with drain bag, Gamma sterilized, DEHP free	4213423	12.0	8.0	270	138	240	

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O3 REVERSE OSMOSIS MACHINE

NephroCan's commitment is to provide the full treatment package suited to patients' needs and requirements, regardless of facility or geolocation. With this, our specialized engineers have designed two Reverse Osmosis (RO) machines - NephroCRO and NephroPRO - for outpatient clinics, medical centres, and hospital wards.

Both machines use proven and reliable RO technology to provide purified water for use during hemodialysis treatments.



Features:

- Machine parts designed with high quality stainless steel
- User-friendly, touchscreen LCD control panel for clear display of operational functions
- * Remote configuration and monitoring for optimal performance
- Parameter and alarm storage using flash USB memory for tracking and troubleshooting
- ♦ Compliant with all safety test requirements, including electrical and electromagnetic standards



PARAMETERS	N ephro * CRO	Nephro∗PRO
Туре	CENTRAL RO MACHINE	PORTABLE RO MACHINE
Description	With a sleek and transportable design, this modular RO machine is capable of increasing purified water capacity onsite	With a stylish, compact design, NephroPRO is mobile and suitable for small centres or hospital use within coronary care units (CCU) or intensive care units (ICU)
Stainless Steel	Ability to serve up to 32 dialysis machines simultaneously. 400 L/hr to 2000 L/hr	Ability to serve 2 dialysis machines simultaneously. 100 L/hr
Material	316L Grade	316L Grade
Raw Water Connection Size	3/4"	3/8"
Electrical Phase / Frequency	Three-Phase / 50 Hz	Single-Phase / 50 Hz
Working Voltage	380 Volts AC	220 Volts AC
Capacity	Accommodates up to 32 dialysis machines	Accommodates up to two dialysis machines
Inlet Temperature	Max 45°C	Max 45°C
Max Inlet Conductivity	5000 μ/cm	5000 μ/cm
Permeate Pressure	Max 5 bar	Max 5 bar
Raw Water Pressure	Min 1 bar	Min 1 bar
Electrical Protections	Compliant with electrical safety standards, and includes FI switch, grounding system, bimetal switch, and phase controllers	Compliant with electrical safety standards, and includes FI switch, grounding system, and bimetal switch
Recovery Rate	70-80%	70-80%
Connection Port	Remote control-LAN and USB drive for data recording	Remote control-LAN and USB drive for data recording
Interface	Multi-language, with ability to create operator access levels	Multi-language, with ability to create operator access levels
Body Material	ABS	ABS
Other	» Continuous monitoring of critical parameters based on risk assessment, including conductivity, temperature and pressure » Programmable logic controllers, functional conductivity and temperature measurement sensors, pressure transmitters, solenoids, and high quality pump » Ability to monitor, plan and control each purifying process through a user-friendly touchscreen » Designed with an automatic and programmable rinsing system » Online operating system which feeds water into dialysis water loop suitable for centres » Pipeline made with high quality pipeline, 316L passivated stainless steel » Chemical disinfection and auto rinsing program » Double pass available for ultrapure water	» 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 » Equipped with PLC, control board, functional conductivity and temperature measurement sensors, pressure transmitters, solenoids, and a high quality pump » Automatic cleaning mode for chemical and heat disinfection » Hot disinfection system included

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4 DIALYSIS PATIENT CHAIR

Nephro * Chair

Designed for optimal patient comfort during treatment, NephroChair is fully customizable, including colour palette, branding options and additional add-ons, such as reading light

Other properties include a memory foam mattress, 90°C washable polyurethane (PU) cover, and various adjustable features.





Features:

- Mobile, using five low-voltage motors to achieve maximum patient comfort
- ◆ Fully adjustable (back rest, seat rest, leg rest, foot rest, and height), including one-button Trendelenburg and comfort positions
- Equipped with emergency settings that function in all chair positions
- ◆ Compliant with all safety test requirements, including electromedical standards

15

- * ABS thermoplastic frame cover providing rigidity and impact (heat resistance)

- Equipped with patient weighing scale
- Highly customizable to fit any design requirements for centres globally



CUSTOMER SERVICE

We provide individual, customized service support 24 hours a day, seven days a week. This includes:

- Full assistance with our range of products, including consumable devices and equipment
- Virtual and onsite training programs for medical professionals, covering usability, data tracking, product information logging and troubleshooting techniques
- Individual NephroCustomerID numbers, providing online access to all on demand services







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