

RIVAMED

Save Water, Save Life



Central Double-Stage Reverse Osmosis

RIVAMED TP-S/XL



Utilizing a dual-stage configuration, RIVAMED TP ensures optimal permeate quality even when dealing with lowergrade feed water.

 RİVAMED TP is engineered to meet various international standards and regulations for dialysis.

With its dual independent stages, RIVAMED TP prioritizes operational safety. Should one stage become inactive, the other seamlessly assumes full responsibility, ensuring continuous treatment. Moreover, through parallel operation, the system can bolster permeate capacity as required.

For the thermal disinfection of ring mains, media, suppsystems, and dialysis machines, RIVAMED TP effortlessly integrates with our Heat Disinfection and Ultrafiltration Systems.





economical

protective

functional

cost-effective



Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices MDR class: IIb. accessory to a medical device



RIVAMED TP-S/XL



· Implementation of water & electricity saving technology via permeate recirculation, concentrate

Streamlined design for space efficiency

Integration of high-rejection polyamide

temperature, permeate and concentrate flow of

· Built-in self-test feature upon power-up

. Emergency mode activation in the event of

Compliance with ISO Standards

RÍVAMED TP-S/XL dialysis water system simplifies adherence to ISO standards for dialysis water quality

ISO 23500-1 Part 1: addresses guidance for the preparation and quality management of fluids for hemodialysis and related therapies

ISO 23500-2 Part 2: covers water treatment equipment for hemodialysis applications and related therapies

ISO 23500-3 Part 3: specifies minimum requirements for water for homodiabois and related theranies

Ontional

- · Leakage detector . Ultrafiltration (bacteria & endotoxin filter)
- · Remote control
- . Heat dirinfection

. Firmware upgrade capability for ongoing improvements

· Automatic system restart following a power interruption . Implementation of security parameters including

permeate overpressure permeate conductivity permeate overtemperature, dry run protection. pump protection, and operation history logging · AISI 316 stainless steel buffer tank equipped with level switches for operational ease and pump protection

. Electronic module hypass feature for numn or membrane failures

. AISI 316 stainless steel tubing and frame . Designed to be dead leg-free, ensuring maximum hygiene levels

· Password protected user levels · Visual LED indicator with acoustical signal

. Brake adjusting wheel for ease of transportation . Permeate tank control option · Permeate and return sampling valves

Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices 2292 MDR class: Ilb, accessory to a medical device





Technical Data 1/2

	PARAMETIR	HEVAMED TF-S	STAMMED TIP-SE			
Performance	Clearatorall, xWxHI (ress.)	150 x 60 x 160 cm	340 x 110 x 160 cm			
Cista	Weight	Max. 500 kg	Mar. 900 kg			
	Galysis water production capacity.	250-1,650 N/H	1,000 5,000 N/h			
	Paint of any idinfysts machines)	34 per:	304 pci			
	Owyota water pressure	26 bir				
	Consentrate pressure	< 20 tar				
	Percentage rate (closolyed salts)	> 95% NuCl (+56% avg.)				
	Stattage (CFU) and endots one (FU)	>96%				
	System recovery steld	Up to \$5% water conven	ion tactor			
	Note lited	4.70 db (A) (from 3 meso	ndistree)			
Water	Self mater feed (1.0404)	Mase repple DN 25				
Connections	'Blayou water feed and return (can Red'	Direct PE-tra connector	Direct PE-Ka connector			
	up to three-different loops! [1, 4604]	20123	25 × 2.5			
	Grain water (3.4454)	Personal Designation of the last of the la	Hose rapple DN 25			
Electrical	Wensplug	CESTA				
Sahery	Supply voltage	380-408 V AC 50/50 Hz	380-400 V AC 56/50 S			
		230-232 V AC MANO HIS				
	Examps consumption	Max 5.5 kW	Mex 11.5 kW			
	Degree of water protection	Splant-proof (994)				
	Applied parts dassification	Type B				
	Type of protection against electric shock:	Protection state 1				
	taologo carrente	According to AMS/AAMS IEC 60601-E				
	Operation made	Continuos operation				









Technical Data 2/2

	PARAMETER	REMAKED TIP-6	RPARMED TP-XI;				
Feed Water	Quality	Softened matrix water / Bore-well water					
	Hordress	< 1.78 ppm CaCO ₁ (3.558 mms/f)					
	504	. 48					
	Conductivity	< 5,000 µ0/cm					
	Total Dissolved Solids (TDS)	43,000 rig/l					
	kon	#B.Lmg/l					
	Marganese	< 0.05 reg/l					
	Silvers	< 25 mg/l					
	Enie Chlonne	*D.Limg/I					
	Temperature range	5-35°C					
	pH value	6.0 - 9.5	65 8				
Ambient	Swapingridoroge	42 to 445 °C					
Conditions	Convitor	+2 to +35 °C					
	Air Ingreadity	max, 90% related hu	midty remisedensing				
	iveralization attitude	+ 2,000 m show top	bred				
On-Site	Water supply	15-6 ban dynamic p	remove, pressure reducing valu				
Requirements		or pressure boester p	amp may be required				
	Drain < 50 on above floor level	DN 50 plan, for 3 m/s	hisygravity				
	Recommended pro-troutment seits	50 mer weshalde filte	r, materials send filter, duple				
		water softener, active	red certain filter, excrafttration				



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MDR class: Ilb, accessory to a medical device

	Serie para Bel mode	ASI35 stairtess and piping	Parade cortrol	Suitable For mains and borewell salter treatment.	350-5,000(A)	optional integrated heat	Sale of the art double pass	TP-5/M.
	nulito	AZI II 6 stainless sted ploing and ski d	Remotes arterá	Suitable for mains nator treatment	205,000 k/h	geominegraed	Sale of the at water	RO-S/XL
		pipingand slid Serie-passitet instal lation	ASI 3164 tarks sized	treatment	Wron's our	ring loop distribution	Bulgetwater treatment	Basio S/XI.
		Serie-parallel intrallation	PACU and AG1316 stainless	Sulpible for makes water treatment	2503,000,76	optional ringliosp	Price performance sater	RAN 1000/3000
		RA, RU, PACU and ASI II 6 staining stant tubing and tild	centers and ICUs	With	pre-fibration and tanders software inside	induding a reverse	Sandalorewater	8M100
111	Magratol heat danketion option	Suitable for Kübland horredalysis	WAONS	additional security for high values HOP	reliably arouning inglienic conditions in the archive	provides high-quality	Sale of the ext portable	RO Mini (HS)
	Ukafikation and SOR heater tank options	A S 116 stainless stael pipeling ands Md	Optional remote control	Salution of the Control of the Contr	15G(Whited water entradion for integrated did pin	andprotetion in dialysis	Ordinational disinfection	HSS

Remarks

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Riva Mühendislik Su Arıtma Sistemleri

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