



SNOWPURE

Water Technologies

XL-DER for Pure Dialysis Water:

EDI for **Hemodialysis**

Purifies Water & Removes Endotoxins

Key Benefits Include:

- XL-DER EDI purifies RO water for central kidney dialysis systems
- XL-DER EDI removes endotoxins for healthier results
- XL-DER EDI is heat-sanitizable to 85°C



In kidney dialysis, the purity of water is critical in order to protect patients from harmful contaminants like endotoxins.

Endotoxins are byproducts of dead bacteria killed in the water purification system, and when not removed, may trigger fevers in patients. Since this water is in contact with a patient's own blood, it is critical to reduce endotoxins to the lowest possible level.

In a recent study in Japan, the use of Electropure™ XL-DER EDI further reduced endotoxin levels

coming from the RO by an additional 95%, study published in the Journal of Bioscience Control.

It is expected that UV-RO-EDI-UF will become the new standard for the preparation of best practices hemodialysis water.

EDI Module Parameters	Recommended for Optimum Performance					Maximum
Feedwater Conductivity Equivalent Including CO ₂ (See FCE calculation in Manual)	<9 µS/cm					<33 µS/cm
pH	7.0 to 7.5					5 to 9.5
Total Chlorine (as Cl ₂) and Ozone (O ₃)	ND					ND
Temperature	Operation: 5 to 45°C (40-113°F)					Sanitize: 72-85°C (162-185°F)
Dimensions (Width x Height x Depth)	22x56xD cm					(8.5x22xD in)
	XL-100-DER	XL-200-DER	XL-300-DER	XL-400-DER	XL-500-DER	
Flow:	50-150 lph	100-300 lph	300-700 lph	0.7-1.5 m ³ /h	1.3-2.5 m ³ /h	
D, Depth:	17 cm (6.5 in)	19 cm (7.5 in)	26 cm (10 in)	29 cm (11.5 in)	37 cm (14.5 in)	
Wt (kg/lb):	24kg/54lb	28kg/61lb	33kg/72lb	36kg/80lb	44kg/95lb	
Shipping Weights and Dimensions:	XL-100-DER	XL-200-DER	XL-300-DER	XL-400-DER	XL-500-DER	
	51 lbs./23 kg.	55 lbs./25 kg.	69 lbs./32 kg.	78 lbs./36 kg.	95 lbs./43 kg.	
	28x14x15 in.	28x14x15 in.	28x14x17 in.	28x14x19 in.	28x14x21 in.	
	71x36x38 cm	71x36x38 cm	71x36x43 cm	71x36x48 cm	71x36x53 cm	

Electropure™ EDI Technology

- No concentrate recirculation or brine injection
- Thin-Cell efficient technology
- Thin-Concentrate non-scaling technology
- Unique non-scaling electrode system
- Patented Excellion™ membranes

Doing business with SnowPure

- Electropure™ EDI technology was born in 1977, before Ionpure
- SnowPure is privately held
- SnowPure is your partner, not a competitor
- High quality Electropure™ EDI training and OEM support

Benefits of Using EDI

- Continuous Process-no upsets
- Operating cost is minimized
- No hazardous waste, no associated costs and risks
- No regeneration acid or caustic
- Flexible—easy to expand a modular EDI system
- Reliable—no recirculation system components to fail

EDI Technology Training and OEM System Design Support

- SnowPure believes strongly in training—this helps ensure field success with Electropure™ EDI systems.
- SnowPure assists new OEM customers through their system design phase.
- Our customers also have access to our Best Practices P&ID's to aid in their EDI system optimization.
- Combined with ongoing Technical Service, we help ensure success.

SnowPure Water Technologies
130 Calle Iglesia
San Clemente, CA 92672, USA
Tel: +1.949.240.2188
info@snowpure.com
www.snowpure.com

SnowPure International, Ltd.
Hong Kong
info@snowpureintl.com

China Sales Office
Electropure Environmental Technology (Shanghai) Co. Ltd.
伊乐环保科技(上海)有限公司
Shanghai, China
13818807576@163.com
www.snowpure.com.cn

Middle East Sales Office
Amman, Jordan
info@middle-east.snowpure.com

India (Authorized Distributor)
Evergreen Technologies Pvt. Ltd.
Mumbai, India
info@evergreenindia.com

Japan (Authorized Distributor)
AMP Ionex / Mihama Group
美浜株式会社
Tokyo, Japan
info-mhg3@mihama.com
www.amp-ionex.com

Korea (Authorized Distributor)
Innomedtech, Inc.
주식회사 이노메디텍
Seoul, South Korea
info@innomt.com
www.innomedtech.co.kr

Nordic (Authorized Distributor)
PWS Pure Water Scandinavia AB
Falun, Sweden
lars.wiklund@purewater.se

Germany (Authorized Distributor)
TES Water Treatment GmbH
Hockenheim, Germany
info@tes-water.de

Austria, Switzerland, Czech, Slovakia (Authorized Distributor)
ROC Components AG
Reinach, Switzerland
info@roc-ch.com

South Africa (Authorized Distributor)
Marsi Water (Pty) Ltd
Cape Town, South Africa
sales@marsiwater.com

Ukraine/Baltics (Authorized Distributor)
Nerex PE
Kyiv, Ukraine
com@nerex.ua



www.snowpure.com