



## Simple Electrodeionization Systems

### **EDI-XL / EDI-XLM Series**

#### **Electrodeionization Systems 100 to 36,000 liters / hour**

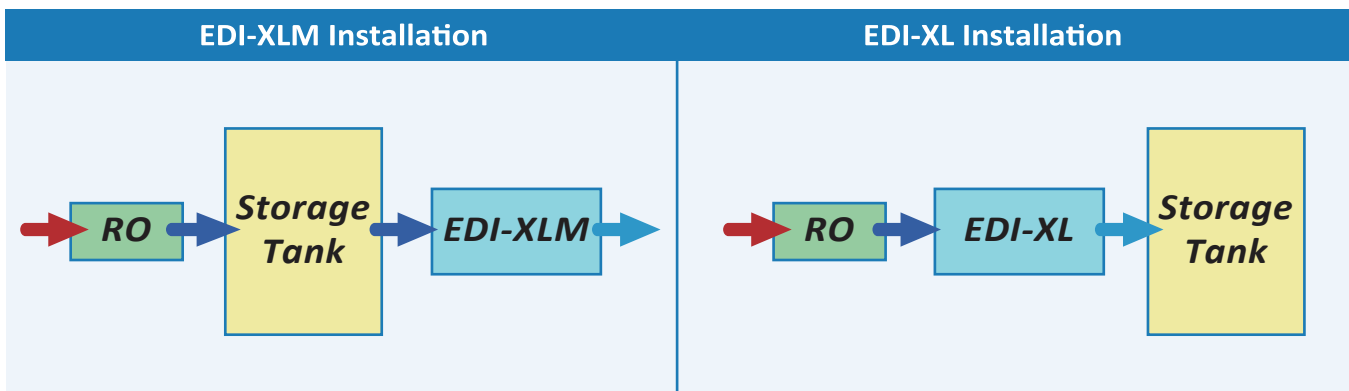
The SLS EDI-XL / EDI-XLM Series Electrodeionization System is a revolution in chemical-free deionization that is cost-effective for all flow rates.

SLS's Electrodeionization systems uses the world's most advanced Electropure EDI modules that has the advantages below :

- No concentrate recirculation
- Thin-Cell efficient technology
- Patented non-scaling technology
- Patented Excellion membranes



SLS EDI systems continuously produce  $> 16$  Mohm.cm water with less than 20 parts per billion of silica, using RO permeate or the equivalent as feedwater. SLS EDI systems can have two options of installation shown below :



EDI-XLM series EDI system it designed with a pump and pre-filter, so it can be feed directly from the RO permeate storage tank.

EDI-XL series EDI system is designed without a pump and pre-filter, so it can be feed directly from an exisiting RO system.



## SLS TECHNOLOGY

### EDI-XL Series Electrodeionization System Specifications @ 25 °C

Model Number	Module Quantity	Design Flow Rate (LPH)	Normal Pressure Drop (Bar)	Pipe Size (In) Feed/Product	Pipe Size (In) Concentrate	Maximum Recovery%	Weight (Kg)	Dimension (W x D x H) cm
EDI-XL100	1	80-150	2-3	1/1 Tube	3/8 Tube	90	100	66 x 33 x 80
EDI-XL200	1	100-300	2-3	1/1 Tube	3/8 Tube	95	120	66 x 33 x 80
EDI-XL300	1	300-1000	2-3	1/1 Tube	3/8 Tube	97	150	66 x 33 x 80
EDI-XL400	1	600-1500	2-3	1/1 Tube	3/8 Tube	99	180	66 x 33 x 80
EDI-XL500	1	1300-2300	2-3	1/1 Tube	3/8 Tube	99	200	66 x 33 x 80
EDI-XL600	1	3500-5000	2-3	1.5/1.5 Tube	1/2 Tube	99	300	80 x 50 x 100
EDI-XL700	1	6000-8000	2-3	1.5/1.5 Tube	1/2 Tube	99	350	80 x 50 x 100

### EDI-XLM Series Electrodeionization System Specifications @ 25

Model Number	Module Quantity	Design Flow Rate (LPH)	Normal Pressure Drop (Bar)	Pump Power(KW)	Pipe Size (In) Feed/Product	Pipe Size (In) Concentrate	Maximum Recovery%	Weight (Kg)	Dimension (W x D x H) cm
EDI-XLM100	1	80-150	2-3	0.75	1/1 Tube	3/8 Tube	90	130	86 x 33 x 80
EDI-XLM200	1	100-300	2-3	2-3	1/1 Tube	3/8 Tube	95	150	86 x 33 x 80
EDI-XLM300	1	300-1000	2-3	2-3	1/1 Tube	3/8 Tube	97	180	86 x 33 x 80
EDI-XLM400	1	600-1500	2-3	2-3	1/1 Tube	3/8 Tube	99	210	86 x 33 x 80
EDI-XLM500	1	1300-2300	2-3	2-3	1/1 Tube	3/8 Tube	99	230	86 x 33 x 80
EDI-XLM600	1	3500-5000	2-3	2-3	1.5/1.5 Tube	1/2 Tube	99	350	100 x 50 x 100
EDI-XLM700	1	6000-8000	2-3	2-3	1.5/1.5 Tube	1/2 Tube	99	400	100 x 50 x 100

Note: All weights and dimensions are approximate.

### Typical Applications

- Pharmaceutical Preparations
- Biological Engineering
- Central Laboratory Water
- Power Industry
- Humidification
- Rinsing of Electronic Components
- Glassware Rinsing
- Preparations of Process Chemicals

### Standard Features

- Skid mounted
- Integral power supply
- Operational instruments
- Stainless steel frame
- Pressure gauges
- Flow meters
- Prewired / Preplumbed
- Factory Tested

### Options Available

- Hot water sanitizable
- Various piping materials
- Higher flow rates
- Brine feeder
- Ultraviolet Sterilizer
- NIST traceable instrumentation
- High water recovery design
- System Validation