Improved HTS Products

High Temperature Stable EDI for Pharmaceutical OEMs
Now to 85°C

Key Benefits Include:

- Hot Water Sanitizable at 85°C / 185°F
- Rapid Heat/Cool Cycle — up to 160 cycles
- New High Temperature FDA Urethane Materials
- Sanitize without Chemicals
- Pharmaceutical Stainless Steel (EXL option)
- Light, Compact, Easy to Ship and Handle

XL-HTS™ and EXL-HTS™ are in stock in a variety of capacities to meet the needs of any pharmaceutical system.

<table>
<thead>
<tr>
<th>Model</th>
<th>Flow Rate m³/h</th>
<th>Flow Rate gpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXL-810-HTS</td>
<td>6.5-8.0 m³/h</td>
<td>28-35 gpm</td>
</tr>
<tr>
<td>EXL-710-HTS</td>
<td>5.0-7.0 m³/h</td>
<td>22-30 gpm</td>
</tr>
<tr>
<td>EXL-610-HTS</td>
<td>3.5-5.5 m³/h</td>
<td>15-24 gpm</td>
</tr>
<tr>
<td>EXL-510-HTS</td>
<td>2.5-4.0 m³/h</td>
<td>10-18 gpm</td>
</tr>
<tr>
<td>XL-500-HTS</td>
<td>1.3-2.5 m³/h</td>
<td>6-11 gpm</td>
</tr>
<tr>
<td>XL-400-HTS</td>
<td>0.7-1.5 m³/h</td>
<td>2.5-7.0 gpm</td>
</tr>
<tr>
<td>XL-300-HTS</td>
<td>300-1000 lph</td>
<td>1.5-4.5 gpm</td>
</tr>
<tr>
<td>XL-200-HTS</td>
<td>100-300 lph</td>
<td>0.5-1.5 gpm</td>
</tr>
<tr>
<td>XL-100-HTS</td>
<td>50-150 lph</td>
<td>0.2-0.7 gpm</td>
</tr>
</tbody>
</table>

For more information on our High Temperature Stable HTS Electopure™ EDI products or any other SnowPure products, please call us or visit [www.snowpure.com](http://www.snowpure.com).
### EDI Module Parameters

<table>
<thead>
<tr>
<th></th>
<th>Recommended for Optimum Performance</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feedwater Conductivity Equivalent Including CO₂ (See FCE calculation in Manual)</td>
<td>&lt;9 µS/cm</td>
<td>&lt;33 µS/cm</td>
</tr>
<tr>
<td>pH</td>
<td>7.0 to 7.5</td>
<td>5 to 9.5</td>
</tr>
<tr>
<td>Total Chlorine (as Cl₂) and Ozone (O₃)</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Iron (Fe)</td>
<td>ND</td>
<td>&lt;0.1 ppm</td>
</tr>
<tr>
<td>Manganese (Mn)</td>
<td>ND</td>
<td>&lt;0.1 ppm</td>
</tr>
<tr>
<td>Sulfide (S⁻)</td>
<td>ND</td>
<td>&lt;0.1 ppm</td>
</tr>
<tr>
<td>Total Hardness (as CaCO₃)</td>
<td>&lt;0.5 ppm</td>
<td>&lt;1 ppm</td>
</tr>
<tr>
<td>Total Silica (as SiO₂)</td>
<td>&lt;0.2 ppm</td>
<td>&lt;0.5 ppm</td>
</tr>
<tr>
<td>Total Organics (TOC as C)</td>
<td>ND</td>
<td>&lt;0.5 ppm</td>
</tr>
<tr>
<td>Temperature</td>
<td>Operation: 5 to 45°C (40-113°F)</td>
<td>Sanitize: 72-85°C (162-185°F)</td>
</tr>
<tr>
<td>Concentrate Flow Direction</td>
<td>Upward</td>
<td>Upward</td>
</tr>
<tr>
<td>Feed Flow Direction</td>
<td>Upward</td>
<td>Upward</td>
</tr>
<tr>
<td>XL Dimensions (Width x Height x Depth)</td>
<td>22x56x D cm</td>
<td>(8.5x22x D in)</td>
</tr>
</tbody>
</table>

#### 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

#### 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

#### Doing business with SnowPure
- Electropure™ EDI technology was born in 1977, before Ionpure
- SnowPure is privately held
- SnowPure is your partner, not a competitor. “We Don’t Compete with our Customers.”
- High quality Electropure™ EDI training and OEM support

#### 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&IDs to aid in their EDI system optimization.
- Combined with ongoing Technical Service, we help ensure success.

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**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.
DongHua Science and Technology Park, 1590 Kailong Road, Shanghai, China
13818807578@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
Tokyo, Japan
info@mihama.com
www.amp-ionex.com

**Korea (Authorized Distributor)**
Iinnomeditech, Inc.
Seoul, South Korea
info@innomt.com
www.iinnomeditech.co.kr

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

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

**Austria, Switzerland, Czech, Slovakia**
(R Authorized Distributor)
RDC Components AG
Reinach, Switzerland
info@rdc-ch.com

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

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

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www.snowpure.com