Produce high quality deionized water without the expense of chemicals, labor, and service associated with exchange tanks.

Create Your Own Deionized Water On-Site
- Install after your reverse osmosis system to polish the water up to 18 meg ohm quality.
- Continuous process with no downtime.
- Automatically starts when your RO provides pressure and flow to the EDI system.

Huge Cost Savings vs Deionizer Exchange Tanks
- No more waiting on DI tanks to be delivered.
- No service / exchange or monthly rental fee.
- DI water for pennies per day.

Designed and Built for Reliability
- Thin cell efficient design with non-scaling technology.
- No recirculation or brine components to fail.
- Product water sample port and flow meter indicator gives assurance of proper operation.
- No rust, aluminum powder coated frame.

Environmentally Friendly
- No chemicals required.
- Low energy consumption.
- No resin disposal.

Ideal for a Variety of Applications
- Sterile processing of instruments
- Laboratories requiring Type II water
  - ASTM
  - CLSI
  - CLRW

NANCREDE ENGINEERING CO. EST. 1932

Minimal operating cost with continuous process reduces downtime

NECO’s EDI systems are built to last making high purity water for years.

Because we use stainless steel, powder coated aluminum frames and high-quality reinforced plastic, our EDI systems won’t rust.

All products are designed and manufactured in the USA with pride. We listen and we care.

And all that equals a very high-quality customer experience.

888-569-2837 info@nancrede.com request a quote
**Specifications**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>EDI300</th>
<th>EDI400</th>
<th>EDI500</th>
<th>EDI550</th>
<th>EDI650</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Flow GPM, Maximum*</td>
<td>4.5</td>
<td>7</td>
<td>10</td>
<td>20</td>
<td>26</td>
</tr>
<tr>
<td>Product Flow GPM, Minimum*</td>
<td>1.5</td>
<td>2.5</td>
<td>7.5</td>
<td>13</td>
<td>18</td>
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<tr>
<td>Drain Flow GPM</td>
<td>0.15</td>
<td>0.25</td>
<td>0.75</td>
<td>1.3</td>
<td>1.8</td>
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<tr>
<td>Nominal Recovery</td>
<td></td>
<td></td>
<td></td>
<td>&gt;90%</td>
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<tr>
<td>Feed Temperature</td>
<td></td>
<td></td>
<td></td>
<td>Optimum 55°F - 85°F</td>
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</tr>
<tr>
<td>Feed pH</td>
<td></td>
<td></td>
<td></td>
<td>Optimum 6.5 - 8</td>
<td></td>
</tr>
<tr>
<td>Feed Chlorine</td>
<td></td>
<td></td>
<td></td>
<td>Non-Detectable</td>
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</tr>
<tr>
<td>Feed Silica</td>
<td></td>
<td></td>
<td></td>
<td>&lt; 0.5 PPM</td>
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</tr>
<tr>
<td>Feed Conductivity µS/cm</td>
<td></td>
<td></td>
<td></td>
<td>&lt; 20</td>
<td></td>
</tr>
<tr>
<td>Feed CO₂</td>
<td></td>
<td></td>
<td></td>
<td>Optimum &lt; 2 mg/l (do not exceed 5 mg/l)</td>
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<tr>
<td>Power Usage, Watts</td>
<td>300</td>
<td>400</td>
<td>600</td>
<td>900</td>
<td>1200</td>
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<td>Electrical Input</td>
<td>220V / Single Phase / 20 AMP</td>
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<tr>
<td>Inlet / Outlet Connections</td>
<td>1” FNPT</td>
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<tr>
<td>Drain Connection</td>
<td>¾” FNPT</td>
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<tr>
<td>Dimensions w x d x h</td>
<td>20” x 27.25” x 49.25”</td>
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</tbody>
</table>

*To produce high quality water, it’s necessary to stay within range of minimum / maximum flows stated in the above chart.

**ALSO AVAILABLE...**

Reverse Osmosis
RO’s ranging from 1,200 – 172,000 GPD

Pretreatment
Softeners / Filters

Post Treatment
Filters / Electro-Deionizer
Ultra-Violet / Ozone

Accessories
Storage Tanks / Cartridges