ETP electro-oxidation reactor

electro@gen-e

TiTaN’s electro@gen Series electrolyzers - for treatment of industrial effluents originating from Pharma industry, dairy, distillery, textile, dying units & more.

Modular electrolyzers changes the effluent water using electro-oxidation process with functional: **Deodourization**  **Decolorization**  **BOD/COD Removal**  **Disinfection**

- Electrodes
- Vent & Drain

- eco-friendly
- modular & compact

- **NON BIOLOGICAL**
- **CONTINUOUS / BATCH OPERATION**
- **START & STOP AT WILL**
- **EASILY EXPANDABLE**
- **MODULAR CONSTRUCTION**
- **ECO-SAFE & USER FRIENDLY**
Applications

<table>
<thead>
<tr>
<th>Organics</th>
<th>Fats &amp; Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspended Solids</td>
<td>Grease</td>
</tr>
<tr>
<td>Turbidity</td>
<td>Heavy Metals</td>
</tr>
<tr>
<td>Algae</td>
<td>Odor &amp; Colour</td>
</tr>
</tbody>
</table>

**DISINFECTION**

**DEODORISATION**

**DECOLORIZATION**

Specifying

- **Mode of operation:** Continuous
- **pH range of Sewage/effluent:** 4 to 6 (optimum)
- **Operating Temperature:** 15°C to 35°C
- **Electrolyzer Orientation:** Vertical
- **Electrolyzer Tank:** PVC / FRP

*Contact Manufacturer / dealer for model-specific technical specification*

1. PVC + FRP Cell Body  
2. Cathode  
3. Anode  
4. Inlet  
5. Outlet  
6. Vent  
7. Drain

Models

electrogen, for Effluent Treatment

<table>
<thead>
<tr>
<th>Model</th>
<th>Design Capacity (Litres/Hour)</th>
<th>Plant Capacity (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTROGEN-E-10</td>
<td>500</td>
<td>10</td>
</tr>
<tr>
<td>ELECTROGEN-E-25</td>
<td>1250</td>
<td>25</td>
</tr>
<tr>
<td>ELECTROGEN-E-50</td>
<td>2500</td>
<td>50</td>
</tr>
<tr>
<td>ELECTROGEN-E-100</td>
<td>5000</td>
<td>100</td>
</tr>
<tr>
<td>ELECTROGEN-E-250</td>
<td>12500</td>
<td>250</td>
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<tr>
<td>ELECTROGEN-E-500</td>
<td>25000</td>
<td>500</td>
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<tr>
<td>ELECTROGEN-E-1000</td>
<td>50000</td>
<td>1000</td>
</tr>
</tbody>
</table>

Stockist & System Integrator

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