The Selective Treatment and Radionuclide Removal System uses advanced technology developed to remove selected impurities from facility wastewater; minimizing personnel exposure and waste generation.

**Features**
- Flexible Process Logic
- Multimedia treatment Vessels
- Multilogic control Headers
- Modular Shielding
- ALARA Enhancements
- Remote Operations
- Remote Bottom Sluice Vessels
- Custom Shielding
- Particle Chemistry Management (PCM)
- Advanced Chemical Addition
- Particle Charge Measurement
- Inline Instrumentation

**Benefits**
- Minimize Curie Discharge
- Improved Cobalt Removal
- Disposal Volumes Reduced by 5 to 1 as compared to resin based systems
- Personnel Exposure Reduced by a factor of 3 through automation
- Harmless impurities are allowed to pass through the system; thus minimizing waste generation
- Costs Reduced by up to 50%
Industrial Water Division
Advanced Technologies for Treatment of Nuclear Facility Wastewater

Atrex™
Sophisticated Design
Minimizes Start-up Time and Cost

Process Engineering
Providing standard and customized water treatment solutions to the nuclear industry:
✓ Selective Radionuclide Removal
✓ Floor Drain and Rx Letdown
✓ Cation, Anion, Colloid and Non-Ionic Complex Removal
✓ Performance Optimization
✓ Automation / Interface Control
✓ Tracking and Trending Module

Lab Scale Demonstration
Avantech offers lab scale demonstrations of the Atrex™ technologies to clients
✓ Qualify and Optimize Parameters
✓ Verify System Performance
✓ Predict Full Scale Performance

We’re Available
For additional information on this and other Avantech products, please contact us at the office nearest you or at our web site.

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95-A Sunbelt Blvd, Columbia, SC 29203
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Tennessee Office
1000 Commerce Park Drive, Oak Ridge, TN 37922
Tracy Barker 865.482.8433 865.482.2021 Fax tbarker@avantechinc.com

SPECIFICATIONS*

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Footprint</td>
<td>12 ft x 30 ft</td>
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<tr>
<td>Weight (empty)</td>
<td>15,000 lbs.</td>
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<tr>
<td>Weight (full)</td>
<td>30,000 lbs.</td>
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<tr>
<td>Height</td>
<td>12 ft clear</td>
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<tr>
<td>Power</td>
<td>480V, 3Ph, 8A</td>
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<tr>
<td>Pressure Rating</td>
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<td>Flow Rate</td>
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<td>Shielding</td>
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<tr>
<td>Materials</td>
<td>Stainless Steel</td>
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</tbody>
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*Typical specification, may vary per application