<table>
<thead>
<tr>
<th>Description</th>
<th>Format</th>
<th>Part Number</th>
<th>Target Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thermo Scientific™ Dionex™ DRS™ 600</strong>&lt;br&gt;Dynamically Regenerated Suppressor</td>
<td>Anion 4 mm</td>
<td>088666</td>
<td>General purpose self-regulating suppressor for majority of applications. Gives lowest noise for RFIC-EG hydroxide and MSA eluents for gradient applications. Replaces Thermo Scientific™ Dionex™ ERS™ 500 Electrolytically Regenerated Suppressor.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ ERS™ 500e</strong>&lt;br&gt;Electrolytically Regenerated Suppressor for External Water Mode</td>
<td>Anion 4 mm</td>
<td>302661</td>
<td>Electrolytically regenerated suppressor designed for external water mode; compatible with solvents up to 40%, borate eluents and destructive detectors such as MS and PCR.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ AERS™ 500 Carbonate</strong>&lt;br&gt;Electrolytically Regenerated Suppressor for Carbonate Eluents</td>
<td>Anion 4 mm</td>
<td>085029</td>
<td>Optimized for carbonate eluents; gives &lt;1.5 nS noise with most carbonate eluents.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ CRS™ 500</strong>&lt;br&gt;Chemically Regenerated Suppressor</td>
<td>Anion 4 mm</td>
<td>085090</td>
<td>Chemically regenerated suppressor for applications requiring high levels of solvent. Required for use on systems without a suppressor power supply, such as the Thermo Scientific™ Dionex™ ICS-900 ion chromatography system.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ ACRS-ICE 500</strong>&lt;br&gt;Chemically Regenerated Suppressor for ion Exclusion Chromatography</td>
<td>Anion 9 mm</td>
<td>084715</td>
<td>Chemically regenerated suppressor for ion exclusion chromatography.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ SC-CERS™ 500</strong>&lt;br&gt;Salt Converter Cation Electrolytically Regenerated Suppressor</td>
<td>Cation 4 mm</td>
<td>083547</td>
<td>Salt converter cation suppressor for analysis of ammonia and amines with linear calibration response.</td>
</tr>
<tr>
<td><strong>Thermo Scientific™ Dionex™ ERD™ 500</strong>&lt;br&gt;Electrolytically Regenerated Desalter</td>
<td>Anion 4 mm</td>
<td>085087</td>
<td>Desalter for removing sodium ions from electrochemical detector effluent prior to MS detection or fraction collection.</td>
</tr>
</tbody>
</table>

*CV - Constant Voltage Mode; CC - Constant Current Mode

For more information refer to Product Specification 70690
Conductivity Detection

**Dionex ACRS-ICE 500**
Recommended

- Ion Exclusion

**Dionex ERS 500e**
Recommended

- **MPIC, Ion Exchange or Ion Exclusion**
- **Ion Exchange**

**Dionex AERS 500e**
Recommended

- **Borate Eluent?**
  - Yes
  - No

**Dionex ADRS 600**
Recommended

- **Destructive Detector?**
  - Yes
  - No

**Dionex ACRS 500**
Recommended

- **Ammonium or Amines?**
  - Yes
  - **Is linearity critical?**
    - Yes
    - **Is sensitivity critical?**
      - Yes
      - **Is there a high analyte concentration difference?**
        - Yes
        - **Dionex SC-CERS 500**
          Recommended
        - No
        - **Non Suppressed**
          Recommended
    - No
  - No

**Dionex ERS 500e**
Recommended

- **Gradient?**
  - Yes
  - **Solvent in Sample or Eluent**
  - No

**Dionex CDRS 600**
Recommended

- **Greater than 40%?**
  - Yes
  - No

**Dionex CERS 500e**
Recommended

- **Destructive Detector?**
  - Yes
  - **Carbonate Eluent?**
    - Yes
    - **Dionex AERS 500**
      Recommended
    - No
  - No

**Dionex CDRS 600**
Recommended

- **Greater than 40%?**
  - Yes
  - **Destructive Detector?**
    - Yes
    - **Dionex AERS 500**
      Recommended
    - No
  - No

**Dionex CCRS 500**
Recommended

- **Dionex AERS 500 Carbonate**
  Recommended

**Dionex ADRS 600**
Recommended

- **Solvent in Sample or Eluent**
  - Yes
  - **Borate Eluent?**
    - Yes
    - **Dionex AERS 500**
      Recommended
    - No
  - No

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