System Gas Chromatograph

EC, DEG, TEG, TTEG in MEG Analysis System

Nexis GC-2030EGEC
GC-2014EGEC

This GC is designed for determining EC, DEG, TEG, TTEG in MEG within the composition range shown in the specification sheet. The sample is directly injected by AOC-20i, separation is performed by a DB-WAX column and detected by FID. The system includes LabSolutions workstation software and BTU and Specific Gravity calculation software.

Analyzer Information

System Configuration:
One SPL / one capillary column with one FID detector

Sample Information:
EO, EC, DEG, TEG, TTEG

Concentration Range:

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Compound</th>
<th>Concentration Range</th>
<th>Detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EO</td>
<td>10ppm - 1000ppm</td>
<td>FID</td>
</tr>
<tr>
<td>2</td>
<td>EC</td>
<td>10ppm - 1000ppm</td>
<td>FID</td>
</tr>
<tr>
<td>3</td>
<td>DEG</td>
<td>10ppm - 1000ppm</td>
<td>FID</td>
</tr>
<tr>
<td>4</td>
<td>TEG</td>
<td>10ppm - 1000ppm</td>
<td>FID</td>
</tr>
<tr>
<td>5</td>
<td>TTEG</td>
<td>10ppm - 1000ppm</td>
<td>FID</td>
</tr>
</tbody>
</table>

Detection limits may vary depending on the sample. Please contact us for more consultation.

System Features

- Versatile software easy GC system operation
- One FID channel
- Good repeatability

Typical Chromatograms

![Fig. Chromatogram of FID](Image)