

# Application Data Sheet

No.91

## System Gas Chromatograph

### EO, EC, Glycol in MEG Analysis System Nexis GC-2030EOEC GC-2014EOEC

This instrument is designed for determining EO, EC, Glycol in MEG within the composition range shown in the specification sheet. The sample is directly injected by the AOC-20i, and separated on a 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:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	EO	25ppm	1000ppm	FID
2	EC	25ppm	1000ppm	FID
3	DEG	25ppm	1000ppm	FID
4	TEG	25ppm	1000ppm	FID
5	TTEG	25ppm	1000ppm	FID

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

#### System Features

- 30 minutes analysis for EO, EC, DEG, TEG and TTEG analysis can be carried out
- One FID channel
- Good repeatability

#### Typical Chromatograms

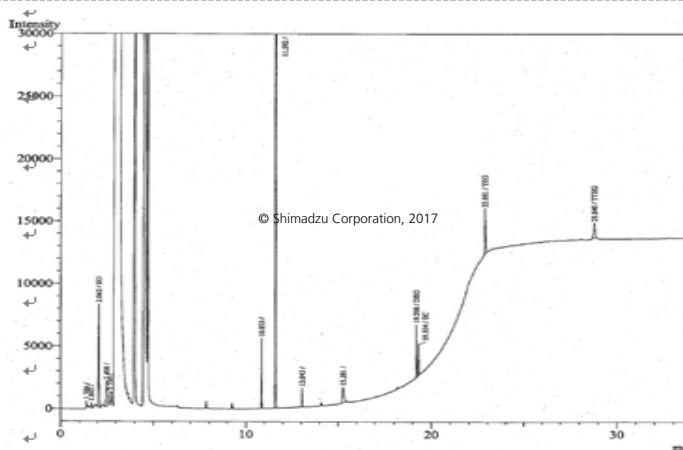


Fig. Chromatogram of FID

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