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Application Data Sheet
No.99

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:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	EO	10ppm	1000ppm	FID
2	EC	10ppm	1000ppm	FID
3	DEG	10ppm	1000ppm	FID
4	TEG	10ppm	1000ppm	FID
5	TTEG	10ppm	1000ppm	FID

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

System Features

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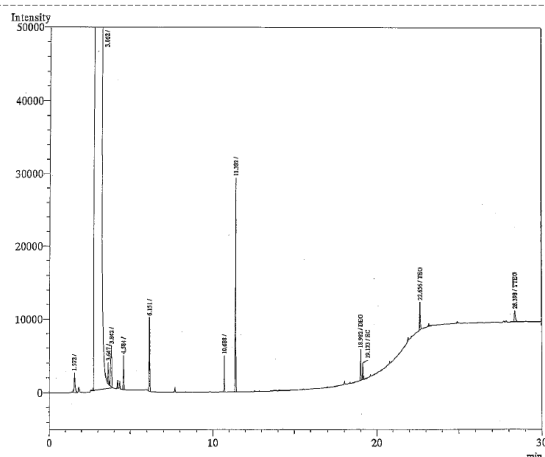・One FID channel
・Good repeatability

Typical Chromatograms

Fig. Chromatogram of FID

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Shimadzu Corporation
www.shimadzu.com/an/