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Application Data Sheet

No.84

System Gas Chromatograph

H2O in Gas Sample Analysis System Nexis GC-2030H2O GC-2014H2O

This instrument is designed for the determination of H2O by gas chromatography (GC) and detection by TCD. A Porapak-Q pre-column is used, Porapak-Q and Sunpak S are used to separate the water from the matrix. LabSolutions chromatography software handles all aspects of GC control, automation, and data handling.

Analyzer Information

System Configuration:
Two valves / two packed columns with one TCD detector

Sample Information:
H_2O

Concentration Range:

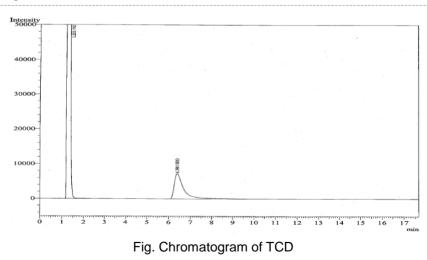| No.	Name of Compound	Concentration Range		Detector
		Low Conc.	**High Conc.**	
1	H2O	0.05%	50.00%	TCD-1

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

System Features

・7 minutes analysis for H2O analysis can be carried out
・One TCD channel
・Good repeatability

Typical Chromatograms

Fig. Chromatogram of TCD

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