



Solvents & Chemicals

Glycols



www.dps-instruments.com

Ethylene glycol is the simplest and most common of the class of glycols and is used as antifreeze in cooling and heating systems. The next larger compound is propylene glycol, which is similar to ethylene glycol but not toxic, and is used extensively in foods, cosmetics, and oral hygiene products as a solvent, preservative, and moisture-retaining agent. As you go up in size, other important glycols are used as raw materials for plastics and other chemicals, insect repellents, and even tranquilizers. Glycols are used in so many industries that the need for analysis has dramatically increased. To meet this need, the DPS Glycols GC Systems are configured with the latest designed high resolution capillary column and the sensitive FID detector to quickly detect these compounds. The Series 600 GC is for analyses in the lab, or use the Portable Companion 1 GC System for analyses right where the samples are taken. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Glycols GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Series 600 GC

Available Configurations Include:

- 600-C-118 - Series 600 Glycols GC Analyzer (FID, 30m)
- 500-C-118 - Companion 1 Portable Glycols GC Analyzer (FID, 30m)



Companion 1 Portable GC

Glycols

Peak	Component	Area
1	Ethylene Glycol	846.2
2	Propylene Glycol	639.7

