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The average cleaning products industry consumer uses a wide range of products to promote both personal and public heath. Soaps. detergents, deodorants, mouthwashes, rug cleaners, drain openers, and a host of other products make up this multi-billion dollar worldwide industry. These products are designed to improve personal hygiene. reduce levels of bacteria, improve personal appearance, and offer cleaning convenience for the consumer. To help ensure consistent product performance and environmental safety there is an ongoing need to test the solvents contained on both the raw and final products. The DPS Cleaning Solvents GC Systems, equipped with a high resolution column and the sensitive FID detector is a great place to start. The extract or a liquid sample can be directly injected by hand. or a flake, solid, or cream sample can be placed in a headspace vial and automatically heated and injected using our built-in Headspace Concentrator. The Series 600 GC is for analyses in the lab. or use the Portable Companion 1 GC Systems for analyses right where the samples are taken. The fully integrated Cleaning Solvents GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



## Available Configurations Include:

(with Headspace Concentrator)

600-C-081 - Series 600 Cleaning Solvents (FID, Headspace, 30m) 500-C-081 - Companion 1 Portable Cleaning Solvents (FID, Headspace, 30m)

> **Cleaning Solvents** 1000.000 FID Detector Component Methanol Ethanol Peak Detector Temperature = 150C Gain = 5 Collector = -100V iso-propanol Carrier = Hydrogen @ 40 kPa tert-Butano Column = 30m x 0.53 MXT-1 Temp Program = 60C (hold 2 Min) to 250C @10C/min n-Propanol iso-Butanol Methyl Cellosolve n-Butanol Cellosolve 15 Ethylene Glycol 10 Butyl Cellosolve 11 12 13 14 15 16 Limonene DPGMME 12 DEGEE Phenyl Cellosolue TPGMME 11 14 10 13 16 100.000 25.000 0.000 Companion 1 Portable GC

Series 600 GC