



Foods, Flavors, & Fragrances

e-Cigarette



www.dps-instruments.com

Electronic cigarettes do not burn tobacco, instead they produce an aerosol from a battery powered heating element and liquid-containing cartridge. The liquid typically consists of propylene glycol, glycerin, flavorants, and nicotine. The heating element vaporizes the liquid to form a mist, which the end user inhales, imitating tobacco smoke visually and replicating the burning sensation in the throat and lungs. These similarities to tobacco smoke, combined with the same hand-to-mouth behaviors, have contributed to it's rapid acceptance. The DPS e-Cigarette GC Analyzers are configured to meet the ever increasing demand for these analysis requirements. The sensitive FID detector and selective capillary column combination easily separate and identify these compounds. 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 e-Cigarette 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-039 - Series 600 e-Cigarette GC Analyzer (FID, 30m)
- 500-C-039 - Companion 1 Portable e-Cigarette GC Analyzer (FID, 30m)

e-Cigarette Liquid



Companion 1 Portable GC

Peak	Component
1	Methanol
2	Ethanol
3	Methylene Cl (Solvent Peak)
4	Propylene Gl
5	Glycerin
6	Nicotine

