

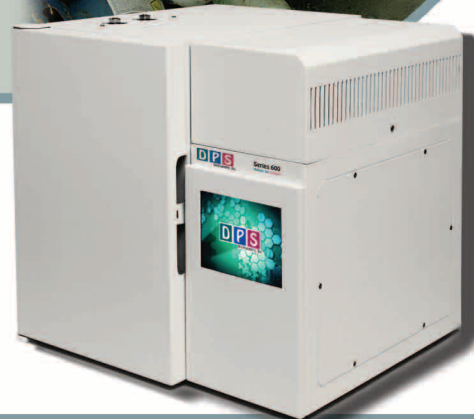
# Petrochemical Analyses

PERMA-GAS



www.dps-instruments.com

The innovative TCD detector for DPS, with its unique "2 detectors in 1 design" revolutionizes the analysis of permanent gases. This TCD is so sensitive and versatile that it easily replaces GC Systems with multiple detectors and complex valve timing. Each filament of the TCD detector can be run independently. This means that you can choose the carrier gas and column for each filament. You may want nitrogen to one column and helium to the other to measure all components with one injection. Or, you may use the same carrier gas and select different gain settings to the filaments for a super dynamic range. Each column has their own carrier, so they can be of any material, length, or diameter to assure the perfect separation. The DPS Perma-gas GC System is ideal for your most sensitive ppm level measurements and your high percentage gas concentrations. The fast heating and rapid cooling column oven in every DPS GC assures rapid sample turnaround. The fully integrated Perma-gas GC Analyzer System is small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



## Available configurations include:

600-C-070 - Perma-Gas GC Analyzer (TCD, Valve, 2 Columns)

