



# Solvents & Chemicals

## Cresols



www.dps-instruments.com

The mixture of cresols obtained from coal tar is called cresylic acid. The cresols, which are aromatic methylphenols, are used in the manufacture of disinfectants, household cleaners, deodorizers, certain pesticides, and synthetic resins. They have also been used as antiseptics, although they have largely been displaced by less toxic compounds. Cresols are found in many foods and are also used as a wood preservative. These important chemicals are used in so many industries that the need for analysis has dramatically increased. To meet this need, the DPS Cresol 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 Cresol 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:

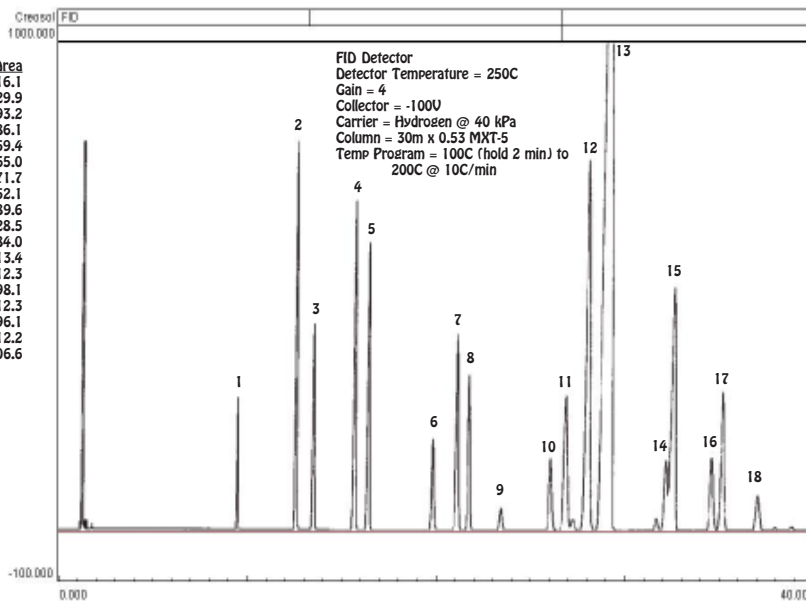
- 600-C-116 - Series 600 Cresol GC Analyzer (FID, 30m)
- 500-C-116 - Companion 1 Portable Cresol GC Analyzer (FID, 30m)

### Cresols & Phenols



Companion 1 Portable GC

Peak	Component	Area
1	Phenol	216.1
2	o-Cresol	429.9
3	2,6-Xylenol	293.2
4	p-Cresol	386.1
5	m-Cresol	359.4
6	o-Ethylphenol	165.0
7	2,4-Xylenol	271.7
8	2,5-Xylenol	252.1
9	2,4,6-Trimethylphenol	89.6
10	2,3-Xylenol	128.5
11	p-Ethylphenol	184.0
12	m-Ethylphenol	413.4
13	3,5-Xylenol	1612.3
14	C3 Phenol	98.1
15	3,4-Xylenol	312.3
16	C3 Phenol	96.1
17	4-Ethyl-2-Methylphenol	212.2
18	5-Ethyl-2-Methylphenol	106.6



11/2015 Specifications may change without notice.