

# Determining traces of CO and CO<sub>2</sub> in hydrogen and light gaseous hydrocarbon streams

## #1701 – Trace CO, CO<sub>2</sub> Analyzer

### Configuration:

**Configured by method:**

UOP 603-12

**Analyzer Configuration:**

2xValves, Methanizer, Needle valve,  
2xMicropacked columns

**Instrument Configuration:**

C9000, 1xFID, 3-ch UEPC

**Carrier Gas:**

He or H<sub>2</sub>

**Oven temperature:**

Isotherm

**Sample Type:**

Finished gasoline

**Analyzed Compounds:**

Carbon monoxide, Carbon dioxide

**Quantification range:**

0.2 – 500 mol.ppm.

**Run Time:**

5 min

### Features & Benefits:

- Carbon oxides are effectively converted into methane and determined by FID at trace level.
- Sampling / switching valves allow cutting bulk methane off as well as backflushing hydrocarbons to keep high performance of GC system.

### Chromatograms:

