

PROCESS GAS CHROMATO- GRAPHY



ABOUT US

Potentia has 25 years of rich experience for execution of projects in the Oil & Gas, Fertilizers, & Power sectors of Pakistan. We have hands-on experience in commissioning and installation of complete gas chromatograph package.

The PGC is perfect from Oxygen to Hydrocarbons to Hydrogen and Other critical Measurements and is an excellent choice for Ethylene Plants, NGL Plants and Flare Gas Measurement

TARGETED APPLICATIONS

| | |
|--------------------|---|
| H ₂ | Hydrogen 0.1-100% |
| O ₂ | Trace O ₂ (30-2000ppm) to %level O ₂ (0.2 to 21%) |
| H ₂ O | Trace Moisture 0.002-2% |
| CO | 0.2-100% |
| H ₂ S | Low level H ₂ S in ppm |
| HRVOC | Highly reactive Volatile Org. Compounds |
| Permanent Gases | H ₂ /O ₂ /N ₂ /CO |
| Light Hydrocarbons | C ₃ + w/N ₂ /O ₂ split - Landfill, C ₉ +Btu application |
| Odorants | Odorants in Natural Gas |

Ideal for measuring light HC gases where minimal space is available

Shelter-less field mounted GC

Simple to operate

Reliable

Low cost measurement

In order to complete the package, we provide our clients the PGC fully integrated with customized Sample handling system, calibration gas mixture accurate blend, carrier gas cylinders and all small accessories needed to commission the GC



These include both liquid and gas phase hydrocarbon-based mixtures used to calibrate gas chromatographs and refinery gas analyzers. They can be customized based on your application.

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