



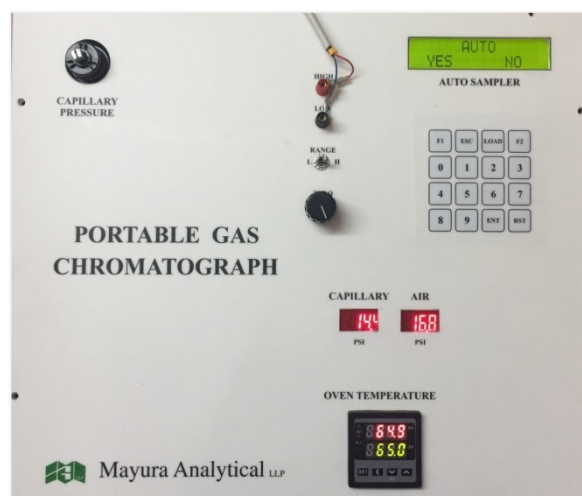
**Mayura Analytical** LLP  
Specialists in Analytical Instrumentation

## Portable GC Model PGC

### Portable Gas Chromatograph for High Resolution Analysis

*Mayura Analytical LLP is a leading organisation in analytical instrumentation that provides solutions to research institutions and industries to diagnose and resolve their analytical needs. Our pioneering products are made in India for the Indian market and beyond since our inception in 1984. We are widely acknowledged for our approach to chemical analysis and to customer troubleshooting. As recognised suppliers of analytical equipment to the **Indian Institute of Science (IISc), Bangalore and Indian Institute of Technology (All India)**, preeminent research and technology institutions of India as well as large industries such as **BIOCON**, we have cemented our standing in the market with our cutting edge expertise and solution focussed approach.*

The *Mayura Analytical Portable Gas Chromatograph* is a unique masterpiece developed for gases analysis and is completely portable, weighing 6 kgs or below, depending on the model. **Portable High Resolution GC Model PGC** is a unique piece of equipment and comes with a built-in TCD detector.





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Using this unique portable GC, **United Spirits** were able to test the purity of their liquor (whiskey etc.) at the point of manufacturing conducting the entire analysis at 150<sup>0</sup>C, to ensure no adulteration was occurring. **Praxair**, Bangalore use this GC for detecting residual solvents in the Pharmaceutical drying process. This equipment has been highly commended by **users for its portability and efficiency**. An easy carry compact carrier gas cylinder of 500 mL volume and a mini laptop will ensure the ease of analyses and portability.

## *Specifications*

- Auto Column Switching : Between Hayasep A and Molecular Sieve
- Carrier gas : Argon / Helium/ Hydrogen
- Pressure regulator : Mechanical
- Pressure gauge : Digital with 0.1 PSI resolution
- Resolution : Single injection analysis
- Sample injection : Manual
- Packed Columns : Hayasep A and Molecular Sieve
- Detector : TCD
- Range selection : High or Low
- Measuring range : 10 PPM Oxygen / Nitrogen / Hydrogen  
Oxides of Carbon 1000 PPM or better
- Operating voltage : 220 AC
- Total weight : 6 kgs
- Dimensions : 350 x 360 x 195 mm
- Chromatography interface and software with all standard functions of data reduction and interpretation