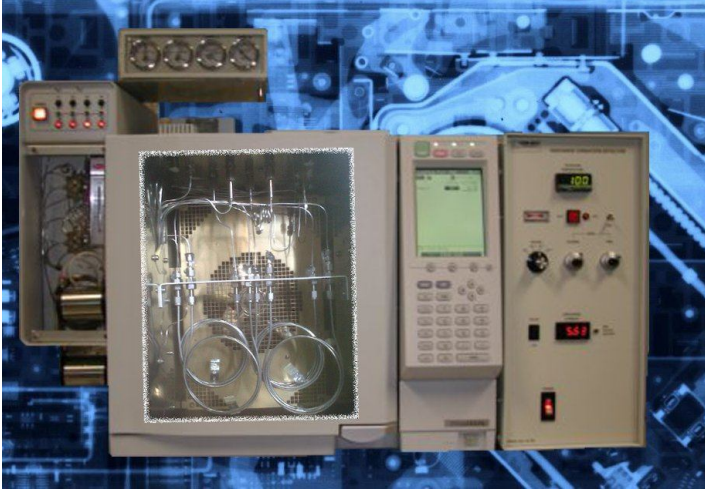


## GC Based Quality control systems



### Specification

- Power Supply 230V 50Hz
- Sampling and auxiliary gas control

### Gas Supply

- Helium 5.0 (>99.999%) supply pressure 6 Bar
- Hydrogen 5.0 (>99.999%) supply pressure 2 Bar
- AIR 5.0 (Zero grade) supply pressure 2 Bar

Pentatec supplies systems to certify gas production quality based on custom engineering of gas chromatographs. Born for liquid samples analysis, gas chromatographs are modified adding, for each specific gas, sampling switching valves which, combined analytical columns packed or capillary, allow the separation of the impurities of the samples. In addition are installed external detector systems and heating valves. The rack 19'' engineered by Pentatec includes also: - multi point sampling system, fully automatic - sampling and auxiliary gas control system

### Detectors

- Flame Photometric Detector
- Thermal conductivity Detector
- Flame Ionisation Detector
- Discharge Ionisation Detector



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# QC CERTIFICATION SYSTEM

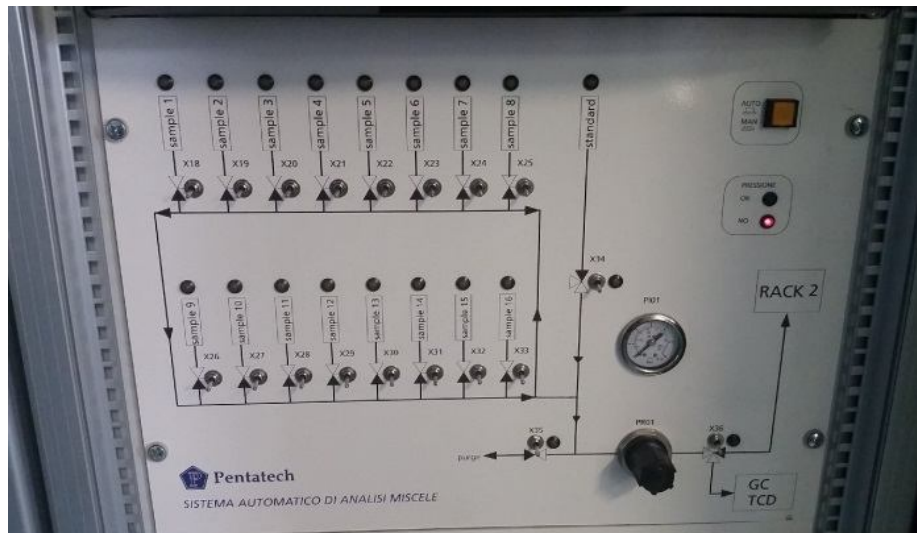
GC Based Quality control systems

## Sampling and auxiliary gas control system

Multi-point sampling system: can be connected to an automatic feature that analyzes different samples using multi point sampling system (cylinders or other gas line) following a programmed sequence.

Sampling and auxiliary gas control system: gas flow and pressure during all operation are monitored

Sampling and auxiliary gas control system



- 19" rackmount housing
- 230 VAC power supply



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