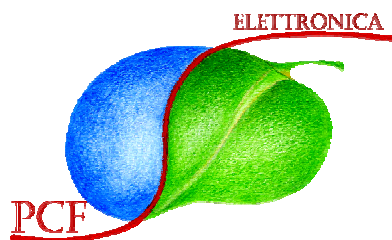




PCF ELETTRONICA S.R.L.

THE ITALIAN MANUFACTURER OF FID/PID ANALYSERS AND SYSTEMS
YOUR PARTNER IN CHEMICAL ANALYSIS BY GAS CHROMATOGRAPHY



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Who we are

PCF was constituted in 1981 by Giovanni Longaretti a pioneer in GC field first with CARLO ERBA then with DANI, companies that represent the history of gas chromatography world wide.

Ever since PCF has steadily progressed to reach its current position as one of most successful manufacturer of FID/PID based equipment.

We offer a complete range of analyzers for stationary and portable applications both for environment and source monitoring.

The extensive experience in studying developing and manufacturing gas chromatographic devices and systems had brought the company to cooperate with the most important industries, research institutes and universities in Italy and abroad.

Our head office is located in Levate near to Bergamo, north of Italy, easily reached from Bergamo or Milan airports.

Our Commitments

To technology in developing up to date world equipment easy to install, to run, to service and easy to integrate in automatic systems and networks.

Whenever GC technique is involved PCF provides comprehensive solutions for your pollution monitoring needs.

To market, in supplying both equipment out of catalogue or tailor made solutions according to Customers' requests and needs. Its limited dimension. 12 employees plus external subcontractors, make the company versatile, motivated aggressive and reliable partner.

To customers, in assisting and helping them from the very beginning of project up to after sale assistance. We are always at customer's side and none of his request and need will stand without a prompt answer.

Air Quality Monitoring (Environment monitoring)

All the analyzers are intended for rack mounting easily integrated in automatic AQMS with:

- ◆ Built-in self diagnostic
- ◆ Built-in flame auto-ignition procedure
- ◆ A/D outputs
- ◆ Serial outputs
- ◆ Back up memory

TOTAL HYDROCARBON ANALYSER (THC) Mod. 529/T

Total HC Total Hydrocarbon Monitor.
Sequence injection by GC loop technique.
No drift with flow rate variation.
Auto zeroing at each measurement.
Wide active range.

NON METHANE HYDROCARBON ANALYSER (NMH) Mod. 529

NMH Non Methane-Hydrocarbon Monitor.
Gas Chromatographic separation of CH₄.
100% separation of reactive HC fraction.
No drift with flow rate.
Auto zeroing before each measurement.



AROMATIC HYDROCARBON GAS CHROMATOGRAPHIC ANALYSER BTX Mod. 530

BTEX Aromatic Hydrocarbon Analyzer.
With in-built purge and trap device.
Enhanced sensitivity to aromatic HCs.
Available both with PID or FID detector.

SPECIFIC HYDROCARBON GAS CHROMATOGRAPHIC ANALYSER BTX Mod. 529/A

Hot FID detector.
GC separation.
Available both with PID or FID detector.

Source monitoring (Ducts and stacks monitoring)

All analysers show:

- ◆ Hot FID detector (200 °C)
- ◆ Fast cycle time
- ◆ Built-in self diagnostic
- ◆ Low maintenance sampling and analysis system
- ◆ Outputs: measuring signals, alarms and controls

VOC/THC ANALYSER Mod. 110E

- ◆ Exclusive injection system
- ◆ No need of heated pump
- ◆ Measurements independent from flow rate

VOC/THC MONITOR Mod. 110H

- ◆ Heated pump sampling system with real time output signal performance
- ◆ Built-in wide screen data logger (Option)
- ◆ Very fast response time (about 1 sec.)



Portable equipment

VOC/THC PORTABLE ANALYSERS Mod. 2001 and Mod. 2005

- ◆ Hot FID detector (200 °C) and Methane separation circuit by hopcalite scrubber
- ◆ According to CEE CEN 264 # 326 and UNI 10391 regulations.
- ◆ Heat traced sampling system
- ◆ Heat traced pump head
- ◆ Easy to operate in the field
- ◆ In built personal computer for data management and display
- ◆ Back up memory up to 20 days
- ◆ Real time graphic diagram



PORTABLE GAS CHROMATOGRAPHIC ANALYSER Mod. 8807



Suitable for both ambient and source monitoring

- ◆ Hot FID detector
- ◆ Methane separation by chromatographic column
- ◆ Detection limit of 20 ppb
- ◆ Easy to maintain and operate in the field
- ◆ Available in the configuration for specific toxic hydrocarbons
- ◆ Built in MMC memory data base and analysis card (up to 50,000 data stored)



ENGINEERING CAPABILITIES

PCF's long field experience in gas chromatography can be of great help in tackling and solving your application problems with:

- ◆ specific analytical programs
- ◆ sample treatment
- ◆ customised instrument configuration.

Most of PCF's systems are mounted on 19" racks in cabins or mobile labs and can include:

- ◆ Stream many fold
- ◆ Customised analysers
- ◆ Ultra pure air supply
- ◆ Hydrogen supply
- ◆ Remote/Local zero and span check
- ◆ Safety and alarm system configuration
- ◆ Rear interface for remote control and management
- ◆ High flexibility in meeting customers' needs



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