

Connection

R490

Your MicroGC communicates using an Ethernet link, to connect to the computer with the supplied cable.



PGC 490

Your analyzer communicates via an Ethernet link. This connection is to be connected according to the ATEX standards in force.

Carrier gas

Your MicroGC can use **He, H₂, N₂** or **Ar** as carrier gas. Important : Check the computer configuration of the gases. A wrong configuration would damage your instrument

Quality = 99,9996 % purity
Pressure = 5,5 bars ± 0,2 bars (80 ± 2 PSI)



Connection between pressure regulator and MicroGC :

- Use 1/8" stainless steel or clean and dry copper tube with Swagelok fittings
- Properly purge the regulator/line assembly with carrier gas
- Do not use liquid to detect leaks



Sample

Sample pressure and quality must be checked:

Max. Pressure = 1 bar (rel.)
No liquid / No solid

If necessary, add an in-line filter to protect the injector from particles



Use a membrane filter only if your sample is under positive pressure.



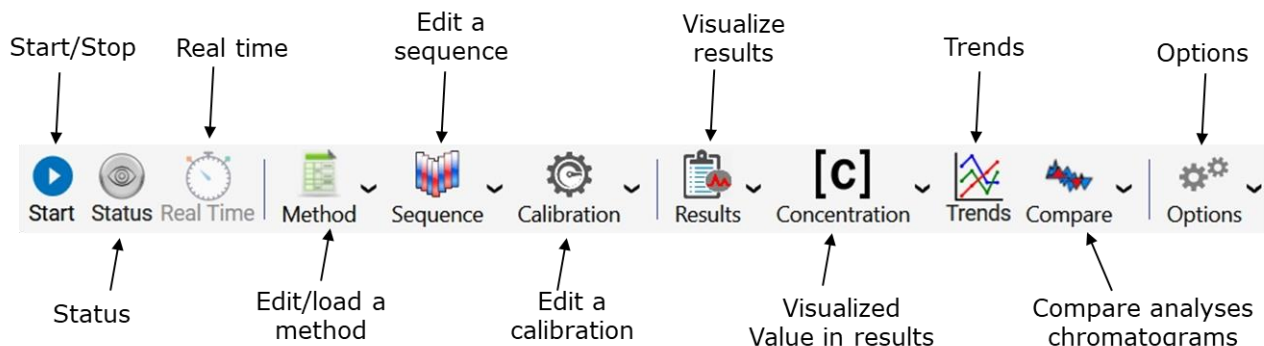
Other recommendations...

- When you start your MicroGC : load a "purge" method with all detectors OFF to purge the columns for about 10 minutes.
- Regeneration of the columns at max temperature (160 °C or 180 °C) between 24 and 48 hours. If necessary program this bake-out with Soprane II
- Charge a standby method with the detectors OFF when the MicroGC is not in use.



It is recommended to let your MicroGC continuously under carrier gas.

Soprane II menu bar



Develop a method for chromatogram processing

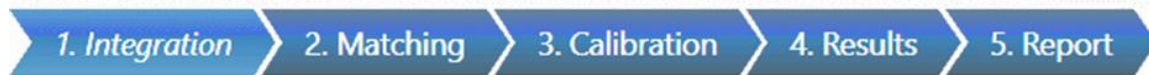


1. Integration parameters
2. Peaks identification (Peak table)
3. Calibration / Quantification
4. Results
5. Report



To develop the method, proceed step by step. Complete one step before moving on to the next.

Shortcuts :



Keyboard and mouse shortcuts

ZOOM (in the whole software) :

Zoom out: double right click

Keyboard : use the arrows to move the view and the **CTRL** key + the arrows to zoom in



Identification (Process module) :

In the identification part, use **CTRL** + left click on the peak to add it to the compound table.

Results (Soprane II main screen) :

Export your results to Excel by clicking on the following buttons :

