

GO MOBILE TAKE YOUR LAB TO THE SAMPLE

Agilent 490-Mobile Micro GC / Mobile User Interface



Gas Analysis in Remote Locations Are Made More Efficient by Using New Technologies

The Agilent 490-Mobile Micro GC is designed for true out-of-lab use. A wireless connection together with an easy-to-use interface permits the initiation of analysis from a mobile device. It allows you to take shelter in your car, for example, and run the instrument from there. Sampling, data acquisition, and data processing are handled by the 490-Mobile Micro GC. The results are presented on your tablet or phone in an uncomplicated format.

In addition, the optional Portable Field Case with built-in rechargeable batteries and refillable gas canisters provides all the necessary equipment for remote analysis. Bringing the analyzer to the sample with lab quality results ensures maximum flexibility in your daily gas analysis needs.

The 490 Micro GC can be customized with up to four unique columns that run in parallel. Each column allows its own method settings and calibration. These features make the 490 Micro GC the most versatile GC available for gas analysis. The use of an ultra-low internal volume micro-machined injector and detector, and isothermally operated narrow-bore capillary columns result in 30 to 120-second run cycles.

Taking a sample and shipping it to the laboratory for analysis could take up to a few days before the results are known. Direct availability of actionable data enables quicker and better informed decision making. Out-of-spec values can be communicated directly, and corrective action can be taken accordingly. Moreover, the elimination of shipping and storage ensures sample integrity.

For more information, visit:

www.agilent.com

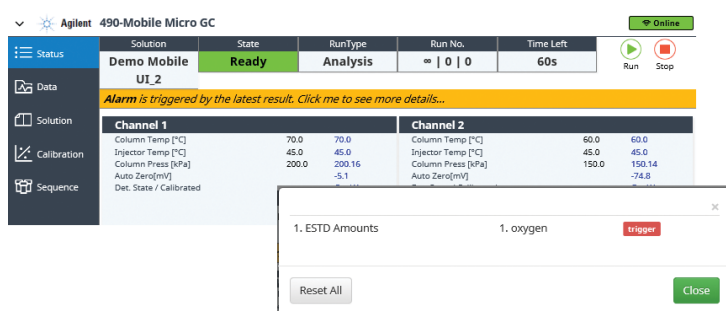


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Optimize Your Workflow

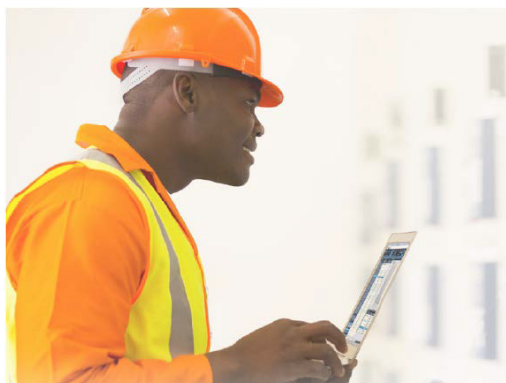
While in your laboratory, you can program multiple methods onto the 490-Mobile Micro GC. Once in the field, you can wirelessly connect to the instrument, and load the required method using the web interface on a tablet or other mobile device. By initiating the analysis through a single start or a sequence, the system starts running when ready. Built-in intelligence ensures sampling, data acquisition, and data processing in an automated manner. The user interface presents the results in an uncomplicated format on your tablet or phone. Data archiving is accomplished by saving chromatograms and results on a USB mass storage device. This setup also allows for off-line processing when back in your laboratory.

Out-of-spec values or exceeded danger levels are clearly reported on your phone or tablet through the predefined alarm feature.



Agilent 490-Mobile Micro GC and Portable Field Case Provides On-the-go Measurements Convenience

The Agilent 490-Mobile Micro GC, together with the Portable Field Case, a carrying case featuring refillable gas supply and rechargeable batteries, provides the right tools for fast, on-site gas analysis.



For more information about the Agilent 490-Mobile Micro GC and our mobile offerings, contact your local Agilent representative or visit <http://www.agilent.com/en-us/products/gas-chromatography/gc-systems/490-mobile-micro-gc>

These Built-in Features Make it Fast and Uncomplicated to Run Your Gas Samples in the Field



A **wireless connection** and built-in intelligence allows you to control the system from a **mobile device** such as tablet or smart phone.



For added flexibility, store **multiple methods** on the 490-Mobile

Micro GC. These methods consist of complete solutions including sampling, data acquisition, result calculation, and report generation.



Direct availability of results in an easy to access

format. **Predefined alarms** can be programmed for easy interpretation by an operator with limited GC skills.



Chromatograms and results are logged on a **USB Mass Storage Device** connected to the instrument, enabling **off-line reprocessing**.

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