



SERVICE

SERVICE IS OUR PASSION



Professional Service and Calibration
for MRU Gas Detectors, Manometers,
Portable and Stationary Gas Analyzers

We offer service and calibration both
in-house and on-site



SERVICE is important, for the life span of our analyzer as well as for your wallet!

A regularly serviced and calibrated analyzer will last for years and ensures accurate measurements.

Stationary analyzers are typically serviced and calibrated on-site. Our highly motivated, and knowledgeable engineer will bring everything needed to service and calibrate your analyzer.

This includes, but is not limited to:

- ▶ Initial inspection and determination of the functionality of the analyzer.
- ▶ The analyzer will be connected to test gases to see the reaction and status of all installed sensors (which can be electro-chemical and/or NDIR).
- ▶ Sensors will be replaced if needed, this can be due to no or bad reaction to the provided test gas, but also due to age.
- ▶ All internal and external filters are inspected and replaced if needed.
- ▶ The external condensate catch pot is being inspected, tested, and cleaned.
- ▶ The external sampling lines are being inspected and repaired/replaced if needed. A proper sample flow will be ensured.
- ▶ All solenoid valves for the sample gas, the zero gas and calibration gas are being inspected and tested and are replaced if needed.
- ▶ All internal pumps, gas pump, dilution pump, condensate pump, protection pump, are being inspected, tested, and cleaned. Defective membranes or hoses will be replaced if needed.
- ▶ All internal hoses are being inspected and replaced if needed.
- ▶ The internal gas cooler is being inspected and tested, assuring proper function.
- ▶ The dilution system is being inspected and tested; defective parts will be replaced.
- ▶ The internal fans are being inspected and tested and replaced if needed.
- ▶ The cabinet heater is being inspected and tested and replaced if needed.
- ▶ All electric wires and connections are being inspected and replaced if needed.
- ▶ A firmware update will be performed for the analyzer, the measuring modules and communication modules if available.
- ▶ The communication between the analyzer and the PLC is tested.
- ▶ The sensors are being calibrated with certified test gases.
- ▶ You will receive a comprehensive report for this service, showing all the parts that had to be replaced, and a calibration certificate showing all values pre- and post-calibration.

The in-house service and calibration is performed at our Humble location.

Analyzers are either shipped to us, but can also be dropped off and can be returned the same day if needed.

Our highly motivated, and knowledgeable engineers will service and calibrate your analyzer, typically within 2 to 3 days.

This is an industry leading standard!

The in-house service includes, but is not limited to:

- ▶ Initial inspection and determination of the functionality of the analyzer.
- ▶ The analyzer will be connected to test gases to see the reaction and status of all installed sensors (which can be electro-chemical and/or NDIR).
- ▶ Sensors will be replaced if needed, this can be due to no or bad reaction to the provided test gas, but also due to age.
- ▶ All internal and external filters are inspected and replaced if needed.
- ▶ The external condensate separator is being inspected, tested, and cleaned.
- ▶ The external sampling lines (complete probe) are being inspected and repaired/replaced if needed. A proper sample flow will be ensured.
- ▶ All internal pumps, gas pump, condensate pump, protection pump, are being inspected, tested, and cleaned. Defective membranes or hoses will be replaced if needed.
- ▶ All internal hoses are being inspected and replaced if needed.
- ▶ The internal gas cooler is being inspected and tested, assuring proper function.
- ▶ The CO protection inspected and tested; defective parts will be replaced.
- ▶ The internal battery is inspected and tested and replaced if needed.
- ▶ The battery charger is being inspected and tested and replaced if needed.
- ▶ A firmware update will be performed for the analyzer if available.
- ▶ An analyzer, probe and condensate separator leak test is being performed.
- ▶ The sensors are being calibrated with certified test gases.
- ▶ You will receive a comprehensive report for this service, showing all the parts that had to be replaced, and a calibration certificate showing all values pre- and post-calibration.





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