

 **gasmeter**  
A Nederman Company



**GT6000 Mobilis**

# Portable emission monitoring system, GT6000 Mobilis and PSS

*Is it possible to perform emission monitoring tasks on a similar level as with fixed systems, but portably? It sure is, with our GT6000 Mobilis paired with Portable Sampling System. Whether your work happens in a laboratory or directly on-site at the stack, this solution will keep up with your pace.*



## What is this yellow box?

The GT6000 Mobilis is a portable FTIR analyzer for monitoring gas concentrations in hot, wet, and corrosive gas streams. Together with Portable Sampling System (PSS Plus or PSS Base), it transforms into complete portable FTIR emissions monitoring system. FTIR technology ensures that results will be available immediately on-site, and further analysis provides hard data for your specific needs.

## Designed specifically for you

We designed the GT6000 Mobilis to provide the best possible user experience. It is quick to set up, disassemble, and comfortable to carry. The set-up requires just attaching heated lines and power cables where only a wrench is needed. This allows fast mobilization and less time wasted in waiting to conduct the analysis. The device is robust as it is shock and vibration resistant (IP42) and it even withstands splashes and light rain.

## Uncompromised performance

GT6000 Mobilis enables you to measure all key compounds at once, including oxygen with PSS Plus. Results are immediate, with a high level of precision. Even the smallest concentrations are measured with high accuracy, and you can follow the measurement readings in real-time on-site or remotely. The system is operated by the powerful, yet easy to use, Calcmet software on a PC or tablet. For a smoother user experience, the software guides you step-by-step during measurement. It also enables you to re-analyze the data and identify possible unknown compounds.

*The system is typically set up to measure H<sub>2</sub>O, CO<sub>2</sub>, CO, NO, NO<sub>2</sub>, N<sub>2</sub>O, SO<sub>2</sub>, NH<sub>3</sub>, CH<sub>4</sub>, HCl, HF and different VOCs and can measure up to 50 gases simultaneously.*

## What is it used for?

As GT6000 Mobilis uses powerful FTIR technology, the system can be used in a wide variety of applications, ranging from research applications to process measurements and emissions monitoring. Typical uses include:

- / Stack testing: QAL2 tests for HCl, NH<sub>3</sub>, SO<sub>2</sub>, NO<sub>x</sub> and other gases
- / Scrubber and catalyst efficiency research
- / Combustion research
- / Carbon capture and storage
- / Formaldehyde emissions from biogas

## Truly portable emission monitoring system

GT6000 Mobilis is designed to be used with the portable sampling system, PSS Plus or PSS Base. PSS utilizes the hot-and-wet measurement principle (no drying or dilution). This ensures that the analysis is done properly with a representative sample.

## Why choose GT6000 Mobilis?

- > Intuitive user interface and ergonomic design
- > Easy to disassemble, carry, and set-up again
- > Multigas measurements in a portable package
- > Realtime results reliably and remotely
- > Exceptional robustness: shock and vibration resistivity by design
- > Smart software with self-diagnostics for easy and fast service
- > Suitable for on-site or laboratory use

## ? Did we convince you already?

You can contact our GT6000 Mobilis experts here: [contact@gasmet.fi](mailto:contact@gasmet.fi)



Our portable products are on the frontline of the progress of the whole gas analysis field. We are known for manufacturing reliable, easy to use and cost-saving gas analysis solutions for a variety of environments. High precision measurements, reliability, and robustness characterize these top-of-the-line solutions. We have a world-leading reputation, and we take pride in making sure all our customers are supported through the lifetime of the investment.

## Ready to take the next step with us?



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