

 **gasmeter** > Know what's in the air.

GT5000 Terra





GT5000 Terra

**HIGH PERFORMANCE
MULTIGAS ANALYZER
WITH UNIQUE FEATURES**

The GT5000 Terra is a **next-generation gas analyzer** combining high technology with ease of use and true robustness. This analyzer is designed specifically for demanding and active field and on-the-go use. It is lightweight and compact, meaning that it can be easily carried to the field as a backpack with minimum effort. What is more, the analyzer allows simultaneous gas measurements while on the move.

The analyzer is **IP54 rated** which proves the robustness of the instrument. The GT5000 Terra is 100% splashproof which means that a few raindrops will not disturb your outdoor field measurements. Additionally, measuring is safe and secure even in trembling circumstances.

The software guarantees a great user experience. The analyzer is operated by a Windows tablet running a Calcmeter Easy software with a clear, visually-pleasing and intuitive design. Thanks to the user-friendly interface, this powerful gas analyzer does not require hours of training to master the instrument.

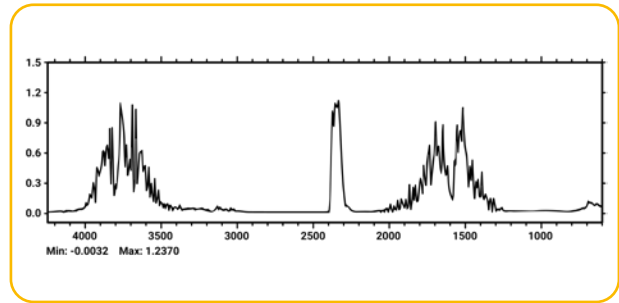
The internal and external look and design of the analyzer are designed and built with consideration to both the ergonomic details to enable easy movement and transportation and technical requirements to secure reliable and carefree measurements even in demanding weather and outdoor conditions.

Calcmeter Easy Software is already installed in the tablet

- + No expertise needed – step-by-step instructions guide the user
- + One-click measurements and immediate online results
- + Visual and audio concentration alarms can be defined by the user
- + Five different views show the most relevant information

High technology inside a yellow box

- + Fourier Transform Infrared spectroscopy, FTIR
- + Simultaneous measurements of up to 50 gases
- + Ability to measure 300+ gases and even wider concentration ranges than before
- + Adding new gases is easy and affordable, no hardware changes needed
- + Ability to identify unexpected gas components



Wireless connections

Wifi Access Point

- + Analyzer provides its own WiFi network to allow point-to-point connection between your PC and the analyzer – works anywhere

Wifi Station Mode

- + Analyzer and PC connected to the same WiFi network
- + Possibility for remote use
 - user can be located in a different country

Bluetooth

- + Connect your PC and analyzer anywhere with Bluetooth

Technical superiorities – summary

- + 9.4 kg with battery / 8.0 kg without battery
- + Splashproof and IP54 rated
- + Wireless connectivity
- + Remote operability
- + Designed to resist vibrations
- + Internal battery and sample pump
- + Visually pleasing and easy-to-use software

Applications

- + Greenhouse gases from ecosystems
- + Shipping container air quality
- + Industrial hygiene
- + Hazmat and first response

W 287 mm / 11.3 inch

H 450 mm / 17.7 inch



D 166 mm / 6.5 inch

GT5000 Terra can be equipped with customized equipment packages, depending on the application and the user's specific needs.



Why Choose Gasmet

Gasmet is the number one FTIR analyzer and system manufacturer. We have supplied over 4,000 FTIR analyzers worldwide and have the highest installed base of onsite and industrial applications.

Front Seat

We are at the forefront of development. We have 30 years of FTIR experience and have introduced several groundbreaking innovations, such as launching the world's first in-situ FTIR gas analyzer and the world's first portable ambient FTIR analyzer. Our teams of specialists are continuously improving our products to ensure that your FTIR analyzer investment is always future-proofed.

Future First

The future belongs to everyone, and we think that everyone has the right to clean air. Therefore, we are persistently developing our future-proof solutions and support global actions in mitigating climate change. Our vision is to live on a green planet with less emissions.

Global Presence

We know the importance of local support, globally. As our service and support network covers more than 70 countries, we can ensure local, high-quality technical support for our customers and guarantee the continuous availability of spare parts for our systems throughout the duration of their lifetime.



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