



# Why Choose Gasmet

Gasmet is the number one FTIR analyzer and system manufacturer. We have supplied over 4000 FTIR analyzers worldwide, and have the highest installed base for onsite and industrial applications.

## Front Seat

We are at the forefront of development. We have 30 years of FTIR experience and we have introduced several breakthrough 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 experts provide continuous improvements of our products, ensuring that your FTIR analyzer investment is continually future-proofed.

## Future First

The future belongs to everyone and we think that everyone has the right to clean air. Therefore, we are persistent to develop 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. With our service and support network covering more than 70 countries, we ensure local, high quality technical support for our customers and secure continuous availability of spare parts to our systems during their entire lifetime.



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

# GT5000 Terra



 **TES** Thomson  
Environmental  
Systems

[www.thomsongroup.com.au](http://www.thomsongroup.com.au)



# GT5000 Terra

HIGH PERFORMANCE  
MULTIGAS ANALYZER  
WITH UNIQUE FEATURES

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

The analyzer is **IP54 rated** which proves the robustness of the instrument. The GT5000 Terra is 100% splashproof which means that little rain does not disturb outdoor field measurements. Additionally, it is safe and secure to measure even trembling circumstances.

**The software** is a key to a good user experience. The analyzer is operated by a Windows tablet running the Calcmet 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.

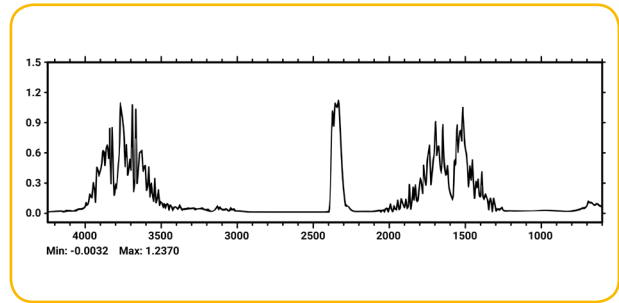
**The look and design** of the analyzer, both inside and out, is designed and built by considering both the ergonomic details to enable easy movement and transportation, and the technical requirements to secure reliable and carefree measurements even in the demanding weather and outdoor conditions.

## Calcmet Easy Software installed in the tablet

- + No expertise needed – step-by-step instructions guiding the user
- + One-click measurement and immediate online results
- + User definable visual and audio concentration alarms
- + Five different views showing the most relevant information

## High technology inside the yellow box

- + Fourier Transform Infrared spectroscopy, FTIR
- + Simultaneous measurements of up to 50 gases
- + Ability to measure 300+ gases and even wider concentration ranges
- + 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 the PC and the analyzer – works anywhere

### Wifi Station Mode

- + Analyzer and PC connected to the same Wifi network
- + Remote use possible – user can be in a different country

### Bluetooth

- + Connect 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.*