



> Know what's in the air.



GT90 Dioxin+

Dioxin monitoring system

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For dioxin monitoring of tomorrow, you need automatic solution with ability to withstand harsh conditions of waste incineration, and cutting-edge design for reliability and precision. GT90 Dioxin+ meets these demands and provides unparalleled measurement limits and annual availability.

The perfect solution for dioxin monitoring

Dioxin emissions are released due to a variety of production and combustion processes. Waste incineration and some metallurgical processes contribute to most dioxin emissions. For monitoring these emissions, you need reliable system in conformity to EN1948-1 standard. Our solution is the GT90 Dioxin+, the perfect tool for continuous isokinetic sampling of dioxin and persistent organic pollutants (POPs).

GT90 Dioxin+ technical features

- > Automatic system designed for continuous operation
- > Heated sampling probe unit and heated line
- > Sampling velocity from 2 to 20 m/s
- > Withstands dust content up to 150 mg/m³
- > Designed for industrial use even in harsh conditions
- > Automatic probe cleaning features
- > Carefully selected materials
- > Can withstand subfreezing conditions
- > Allows automatic leak tests
- > Measurements down to 0.0003 – 0.252 ng I-TEQ /m³



The system can withstand dust loads up to 150 mg/m³ and velocities up to 30 m/s without any effect to the performance. To get even more out of the system, the GT90 Dioxin+ can also be equipped with ParTrace option, enabling heavy metal and fine dust collection.



What is it used for?

The GT90 Dioxin+ is designed specifically for long-term monitoring of dioxin emissions. The automatic system represents the cutting-edge technology for dioxin sampling and fulfills all requirements of the dioxin measurement standard EN1948-1.

The system is typically used in:



Waste
Incineration



Power
Plants



Cement
Production

Why choose Gasmeter GT90 Dioxin+?

- > Long-term isokinetic sampling
- > Conformity to EN1948-1
- > Condensate-free method
- > Sampling of dioxins, furans and other persistent organic pollutants (POPs)
- > High sensitivity
- > Availability of 100%

Options

- > ParTrace option, enabling heavy metal and fine dust collection
- > Remote access and control

Any questions? Ask more from our GT90 Dioxin+ experts: contact@gasmet.fi





Why Choose Gasmeter

Gasmeter 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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