



> Know what's in the air.



GT90 Dioxin+

Automatic dioxin sampling system, GT90 Dioxin+

To follow tightening monitoring requirements of dioxins and other Persistent Organic Pollutants (POPs), you need an automatic solution with the ability to withstand harsh conditions and cutting-edge design for reliability and precision. GT90 Dioxin+ meets these demands and provides unparalleled measurement limits and annual availability.



Long-term sampling of dioxins, furans and POPs required

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 a reliable system in conformity to EN1948-1 standard. Our solution is GT90 Dioxin+, the certified system for long-term isokinetic sampling of dioxins, furans and other persistent organic pollutants (POPs).

What is GT90 Dioxin+ used for?

The GT90 Dioxin+ is designed specifically for long-term sampling of dioxin emissions. The automatic system represents the cutting-edge technology for dioxin sampling and fulfills all requirements of the dioxin measurement standard EN1948-1:2006.

The system can be used for a variety of industrial applications, including:



Waste
incineration
plants



Power
plants



Cement
production
plants

GT90 Dioxin+ technical features

- > Automatic isokinetic sampling according to EN1948-1 / TS 1948-5
- > Dilution method
- > Designed for harsh industrial applications
- > MCERTS certified solution
- > Lowest dioxin and dioxin-like compound concentrations can be sampled
- > Sampling up to 6 weeks
- > Sampling velocity from 2 to 20 m/s
- > Automatic probe cleaning features
- > 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.

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

Why choose Gasmet GT90 Dioxin+?

- > Long-term isokinetic sampling ensures reliable results
- > Conformity to EN1948-1
- > Condensate-free method enabling easy sample handling
- > Sampling of dioxins, furans and other persistent organic pollutants (POPs)
- > High sensitivity
- > High quality parts ensure longevity of the system, even in challenging conditions
- > Availability of 100%
- > Remote access and control of the system

Option

ParTrace option, enabling heavy metal and fine dust collection



Our products represent **the pinnacle** of what can be achieved in the measurement of gaseous emissions using automated measuring systems. **We excel** in manufacturing reliable, sensitive, and cost-effective continuous emission monitoring solutions that represent the future of gas analysis. **We have a world leading reputation**, and we take pride in making sure all our current devices and future solutions are fully certified to the latest standards.

Ready to take the next step with us?



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