



GT90 DIOXIN+

AUTOMATIC DIOXIN SAMPLING SYSTEM

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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 it 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.

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

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



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?

