

TDL Gas Analyzer To Retrofit Paramagnetic or NDIR Analyzers



Directly Replace Outdated Analyzers

The GPro 500 with leading-edge tunable diode laser technology can easily replace aging paramagnetic or NDIR analyzers.



Works with Existing Sampling System

The GPro 500 with extractive cell can be installed directly after an existing sampling and conditioning system for a quick, inexpensive retrofit.



No Alignment Necessary

Unlike most traditional cross-pipe TDL analyzers, the extractive GPro 500 does not need alignment, significantly reducing the risk of downtime.



No Interference from Background Gases

The GPro 500 oxygen analyzer ensures you have an accurate measurement, even when background gases are present. Advanced signal processing technology in the GPro 500 gives you truly reliable measurements, without the risk of interference.



GPro 500 Extractive Cell Adaption To Replace Traditional Gas Analyzers

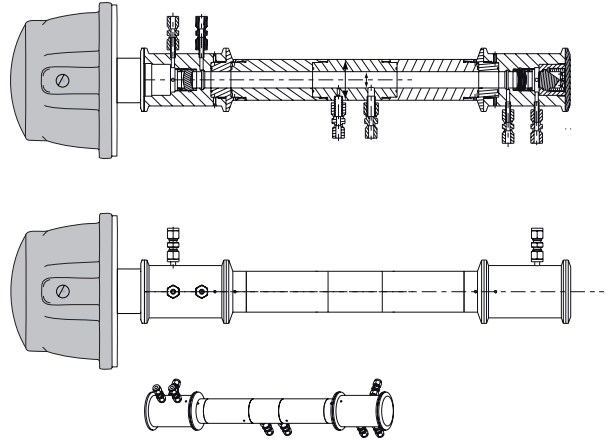
Tunable diode laser gas analyzers offer accuracy, convenience, and reliability. The extractive cell adaption for the GPro™ 500 TDL is the optimal way to replace maintenance-prone paramagnetic and NDIR extractive systems. Tunable diode laser technology offers a reliable, drift-free, and accurate method for measuring gas concentrations in a gas stream. While typically used in situ, some applications require sampling and conditioning. The extractive GPro 500 fits these processes.

Contrary to paramagnetic extractive systems, the extractive GPro 500 can measure accurately even at very high flow speeds. It measures precisely up to 250 °C (482 °F) and at pressures that exceed standard controlled ambient pressure.

Technical data of the Extractive Cell Adaption for GPro 500:

Gas measured	Integrates with GPro 500 analyzers for Oxygen, CO ₂ , CO, HCl, H ₂ S, Moisture, Methane, Ammonia
Effective path length	200 mm, 400 mm, 800 mm, 1 m (7.87", 15.75", 31.50", 39.37")
Lower detection limit	Based on analyzer chosen.
Short description	This process adaption connects to a GPro 500 gas analyzer where conditioning and sampling are required.

► www.mt.com/Extractive-Adaption



Example dual window extractive cell adaption for GPro 500.



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