

TDL Gas Analyzer With No Purging Needed



Measure in Low Speed and Static Streams

The GPro 500 with non-purged probe offers long-term measurement stability in applications where gas flows are extremely slow, such as tank inerting.



No Sampling or Conditioning System

The non-purged probe adaption works without a maintenance-prone sampling or conditioning system. This removes costs and measurement downtime.



No Alignment Necessary

The non-purged probe adaption eliminates the alignment challenges of typical TDL analyzers during installation, ensuring fast, easy setup.



Simplify Installation Planning and Effort

Many TDL gas analyzers require significant planning and effort for alignment during installation. This need is removed by the non-purged probe process adaption. Eliminating the purging system also saves on utility costs.



GPro 500 Non-Purged Probe Adaption For Slow Gas Flows

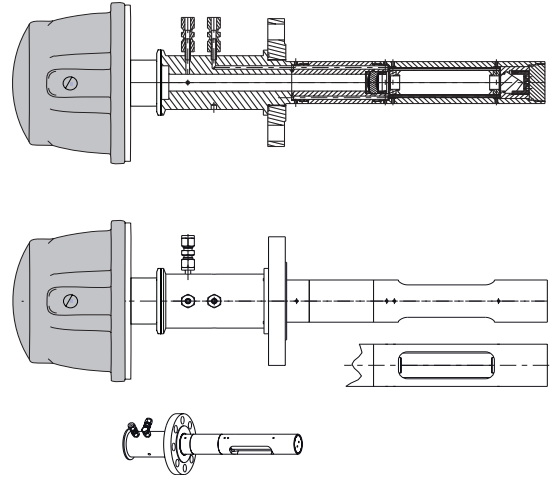
The non-purged probe process adaption offers all of the benefits of a probe-type tunable diode laser gas analyzer, without the need for process side purging. It is suitable for static, dry, and clean gases. The non-purged probe adaption for the GPro™ 500 tunable diode laser gas analyzer enables in situ gas measurement in slow flowing or static gas streams. It can be connected to the full parameter range of METTLER TOLEDO TDL gas analyzers.

A major cost of a gas analyzer is its maintenance-prone sampling and conditioning system. The maintenance work on these systems increases the total cost of ownership significantly. These systems are fully eliminated with a non-purged probe-type analyzer.

Technical data of the Non-Purged Probe 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 (7.87", 15.75", 31.5")
Lower detection limit	Based on analyzer chosen.
Short description	This process adaption connects to a GPro 500 gas analyzer for installation in low/no flow, clean gas streams.

► www.mt.com/Non-Purged-Probe-Adaption



Example non-purged probe adaption for GPro 500 with 20 cm OPL.



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