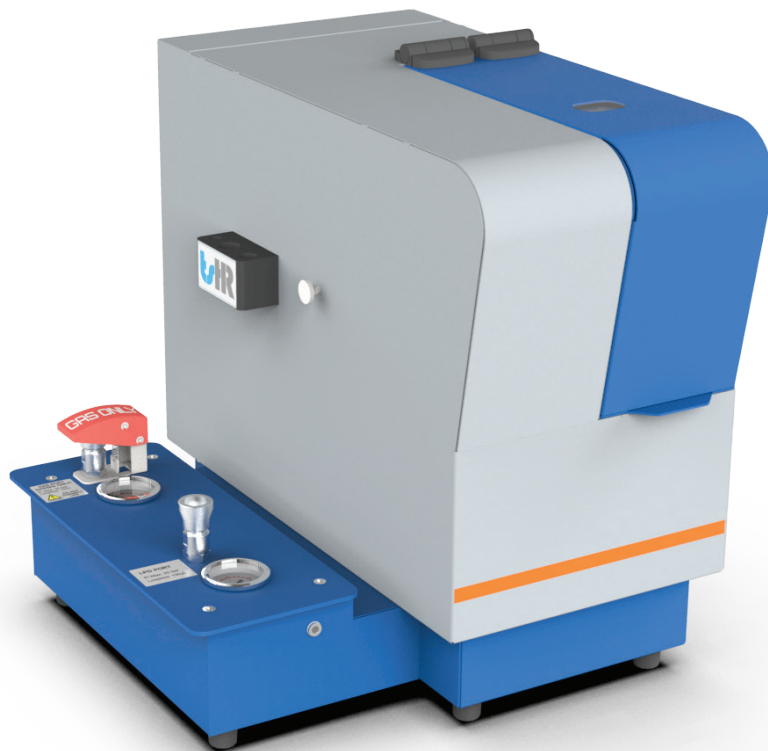


PRODUCT SPEC SHEET



Sampling of Gas and LPG samples require a safe and reliable solution in connection to a Combustion Analyzer to measure trace levels of nitrogen, sulfur and chlorine. The TSHR NEXIS GM includes hardware features such as hydrocarbon and pressure sensors and accurate sampling valves to ensure a safe operation. The NEXIS GM is available in three different configurations to meet customer's requirements with handling of low and high pressure Gas & LPG samples.

KEY ADVANTAGES

Sulfinert coating tubing lines for reliable gas sampling

High pressure solutions for handling LPG upto 700 psi (40 bar)
and gas samples upto 2500 psi (170 bar)

Fully NEXIS LINK Software control and operation

Calibration points and replicates in one run based on one single standard



SAFETY FEATURES

- Approved and Certified Swagelok QuickConnectors with build-in internal shut-offs for safe and secure operation.
- Carrier pressure & carrier flow safety check prior to starting the injection sequence.
- Internal pressure reducers for safe operation with higher carrier pressures.
- ESD-approved ESD bottle clamp for safe, shock & sparkfree and uncharged operation.
- Software configurable HydroCarbon Sensor sensing HydroCarbon leaks in and around the NEXIS GM and analyzer.
- Active safety gas purge with inert gas for quick and clean compartment purge, to minimize the damage.

TECHNICAL SPECIFICATIONS

Dimensions	300 x 290 x 570 mm (WxHxD)		
Weight	18 kg		
Power	Wide input; 115/230V, 50/60 Hz, max: 100 Watt		
Primary pressure gas sample	up to 20 bar		
Secondary sampling pressure	2 – 5 bar; internal adjustable		
Primary pressure liquefied gas (LPG)	up to 20 bar		
Secondary sampling pressure	automatically controlled		
Quick fit connector gas cylinder	¼" Swagelok (SS) QC4 SS Series Swagelok (DESO type)		
Quick fit connector LPG cylinder	¼" Swagelok (SS) QC4 SS Series Swagelok (DESO type)		
Evaporation Temperature	Software controlled, range ambient up to 75°C		
Sample loops	10 mL for gasses and 100 uL for liquefied petroleum gas		
Safety sensor	Hydrocarbon sensor		
Software	NEXIS LINK		
Available models	NEXIS GM:	Gas & LPG module	
	NEXIS GM Sulfinert:	Sulfinert Gas & LPG module	
	NEXIS GM HP:	High-pressure Gas & LPG module	
	NEXIS GM PLUS:	Gas & LPG module + atmospheric gasses	
Regulatory Compliance Methods	Total Sulfur Nitrogen Chlorine ASTM D3246, D6667, D7551, GB/T 11061, SH/T 0222, UOP 910, 936, 989		

OPTIONS	NEXIS GM	NEXIS GM Sulfinert	NEXIS GM HP	NEXIS GM PLUS
Sulfinert coating	No	Yes	Yes	Yes
Max pressure Gas	295 psi (20 bar)	295 psi (20 bar)	2500 psi (170 bar)	295 psi (20 bar)
Max pressure LPG	295 psi (20 bar)	295 psi (20 bar)	700 psi (40 bar)	295 psi (20 bar)
Gas bag handling	No	No	No	Yes

FACILITY REQUIREMENTS

Voltage	115/230 V , 50/60 Hz
Power	300 W
Gas connector	1/8" swagelok
Gasses	Ar (99,998%) technical grade 4.8
Gas pressure	2 – 3 Bar (30-45 psi)
Ambient temperature	5 – 35 °C (41 – 95 °F)

CONTACT INFO

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