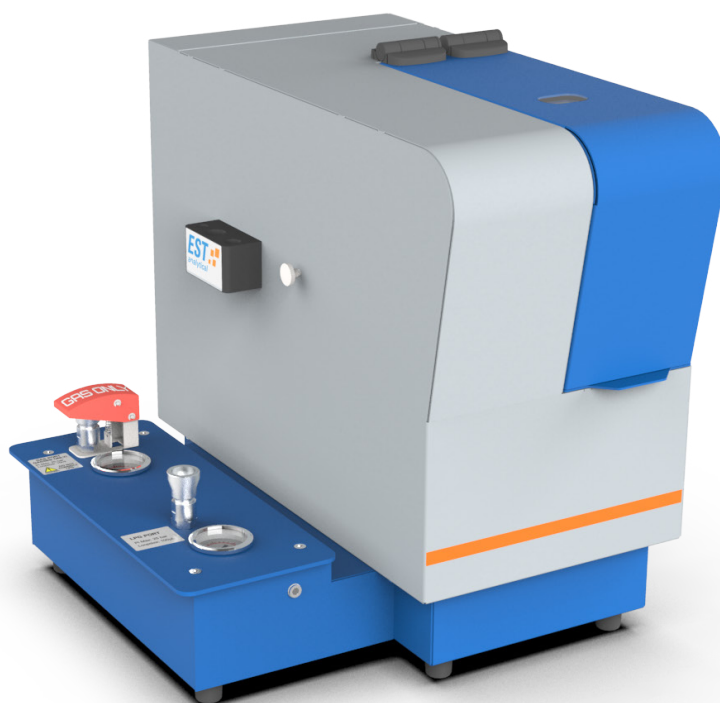


# PRODUCT SPEC SHEET



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 EST 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	OPTIONS	NEXIS GM	NEXIS GM HP	NEXIS GM PLUS
Sulfonert coating tubing lines for reliable gas sampling	Sulfonert coating	Yes	Yes	Yes
High pressure solutions for handling LPG upto 700 psi (40 bar) and gas samples upto 2500 psi (170 bar)	Max pressure Gas	295 psi (20 bar)	2500 psi (170 bar)	295 psi (20 bar)
Fully NEXIS LINK Software control and operation	Max pressure LPG	295 psi (20 bar)	700 psi (40 bar)	295 psi (20 bar)
Calibration points and replicates in one run based on one single standard	Gas bag handling	No	No	Yes

## 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: 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
- ASTM D6667
- ASTM D7551
- GB/T 11061
- SH/T 0222
- UOP 910
- UOP 936
- UOP 989

## FACILITY REQUIREMENTS

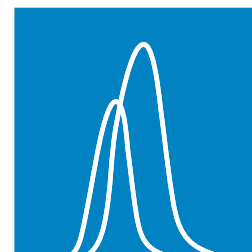
Voltage	115/230 V , 50/60 Hz
Power	300 W
Gas connector	1/8" swagelok
Gasses	Ar (99,998%) technical grade
4.8	
Gas pressure	2 – 3 Bar (30-45 psi)
Ambient temperature	5 – 35 °C (41 – 95 °F)

## CONTACT INFO

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