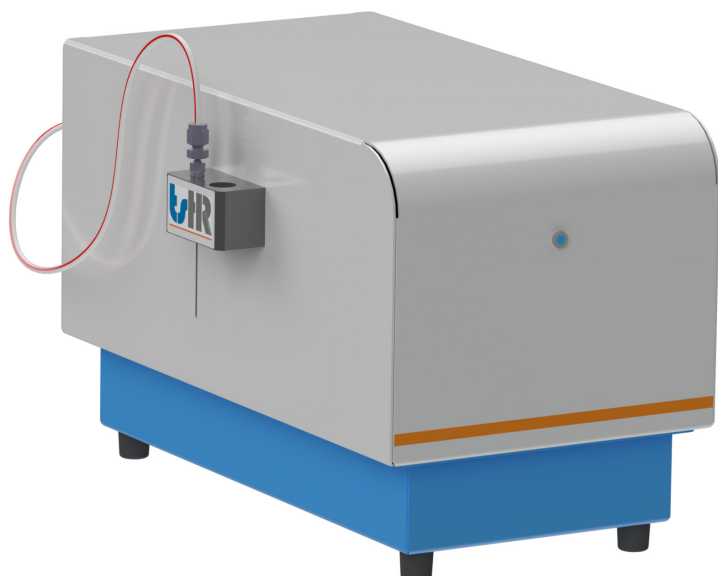


# PRODUCT SPEC SHEET



Sampling of Gasbag or so-called non-pressurized gas samples requires an user-friendly but reliable solution in connection to a Combustion Analyzer to measure trace levels of nitrogen, sulfur and chlorine. The EST-TSHR NEXIS GBM Gasbag Sampling Module includes a number of unique hardware features to make this sampling and analysis safe, easy-to-use resulted into unmatched sample data performance with fast analysis times. The NEXIS GBM can be connected to any of the NEXIS product family Combustion analyzers to analyze the total sulfur, nitrogen or chlorine content in non-pressurized gas samples.

KEY ADVANTAGES	
Maximum sample volume flexibility (from 5-500ml) instead of loop fixed size of 10ml, this in order to also meet Ultra Low and Very High concentrated applications.	Fully NEXIS LINK Software control and operation for precisely and accurately dosing gaseous sampling.
Compatible for a wide range of atmospheric pressure gasses.	No more headaches with pressures and pressure related errors.
Short analysis times for both low and high sample volumes of less than 500 seconds. Default analysis time of 250 seconds.	Endless possibilities for creating calibration levels and replicates in one Queue run based on one single Gasbag standard.

## UNIQUE FEATURES

- Use of fully digital electronic control for dosing a sample volume and gas injection speed, including precise feedback about the real injected volume and temperature for every single injection.
- Autonomous Pressure Intelligence; continuously monitors the outlet pressure to the analyzer to ensure safe operation, takes actions when needed.
- HydroCarbon sensor sensing HydroCarbon leaks in and around the NEXIS GBM and analyzer.
- Safety purge valve which will be activated automatically if HydroCarbons are sensed within the NEXIS GBM and the Argon carrier gas will purge out all oxidizing gasses.
- Inline particle filter to protect the Sample MFC from any possible particles in the gaseous streams or around the GasBag and possibly caught during the sample changing.

## TECHNICAL SPECIFICATIONS

Dimensions	220 x 245 x 400 mm (WxHxD)   8.66 X 9.65 X 15.75 inch (WxHxD)
Weight	10 kg
Power	SMPS with wide input; 115/230V, 50/60 Hz, max: 100 Watt
Carrier gas preferred	Argon (Ar). If not available Helium (He)
Carrier gasflow rate	Method controlled between 50 - 350 mL/min
Sample flow rate	Method controlled between 10 - 200 mL/min
Sample volume	Software controlled between 5 - 500 ml/min
Software	NEXIS LINK
Regulatory Compliance Methods	ASTM D3246, D6667, D7551, GB/T 11061, SH/T 0222, UOP 910, 936, 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)
Recommended operating temp	15 – 25 °C (59 – 77 °F)

## CONTACT INFO

E-mail:	<a href="mailto:sales.tshr@estanalytical.com">sales.tshr@estanalytical.com</a>
E-mail US only:	<a href="mailto:sales@estanalytical.com">sales@estanalytical.com</a>
Our website:	<a href="http://www.estanalytical.com">www.estanalytical.com</a>

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