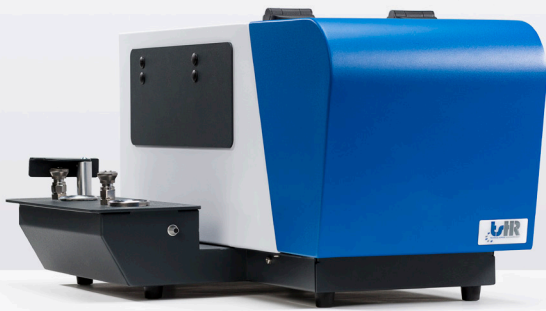




# Ease-of-Use and reliable sampling of your Gas & LPG samples to enhance your TSHR TN/TS/TX Analyzer

The TSHR Gas and LPG Sampler, model GM 7000, is designed to introduce safe, accurate and reliable your Gas and LPG samples into the TSHR range of Combustion Elemental Analyzers for trace level total nitrogen, sulfur and chlorine analysis. The GM 7000 is available in a standard configuration including fast connectors to meet your productivity needs.



The analysis of gasses and liquefied gasses, like LPG, requires accurate and reliable sampling techniques. TSHR has developed the GM 7000, a multi-element gas and LPG sample introduction module offering easy and flexible measurement of Total Chlorine, Total Sulfur and Total Nitrogen in pressurized gasses.

The GM 7000 is designed with 2 fast connectors to connect a Gas or LPG sample cylinder easy and safe towards the sampling valve of the GM 7000, where a fixed volume for automatic sample introduction into the TSHR 6000- and 7000 Series TN/TS/TX Analyzer.

One sample loop with a volume of 10 mL for gas and one loop with 100 uL for liquefied gas (LPG) samples are standard supplied sample loops with the GM 7000 model.

After the pressurized sample cylinder is connected to the sample introduction port of the GM 7000 the user just press the start button in the Athena software to start the analysis.

The communication between the GM 7000 and the TSHR TN/TS/TX analyser runs through a USB port and operation through Athena software, which makes it very easy to use and run Gas and LPG samples analysis.

Key advantages
Standard fast connectors for Gas and LPG cylinders
Compact design with controlled Athena software operation
Safety sensor to ensure safe sample handling
Dual sample loop design for Gas and LPG samples

## Technical specifications

Dimensions	300 x 290 x 570 mm (WxHxD)
Weight	18 kg
Voltage	115/230 V , 50/60 Hz
Gas connectors	1/8" and 1/16" Swagelok
Gasses	Ar or He (99,998%) technical grade 4.8
Primary pressure gas sample	up to 20 bar
Secondary sampling pressure	2 – 5 bar; adjustable
Primary pressure liquefied gas	up to 20 bar
Secondary sampling pressure	automatically controlled
Quick fit connector gas cylinder	¼" Swagelok (SS)
Quick fit connector LPG cylinder	¼" Swagelok (SS)
Evaporation Temperature	range ambient up to 75°C
Sample loops	10 mL gas and 100 uL liquefied gas
Software	Athena



## Contact info

**For Technical support:** [technicalsupport@tshrinternational.com](mailto:technicalsupport@tshrinternational.com)

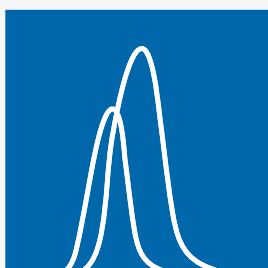
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**For more information contact your local dealer:**

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