

JAS LPG Vaporizer

Product Brief

jas LPG



THE STABLE ELEMENT IN YOUR LAB
25 jas
YEARS

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Product Brief



LP-Gas (propane, butane, LPG) is transported and stored as a liquid under pressure.

The difficulty is, how to inject LP-Gas in gas chromatographic system. The phase transition depends on different parameters like compound concentration, pressure and temperature of sample as well as of the atmosphere. Most of the methods are off-line and operator-dependent, resulting in problems of reproducibility and repeatability of analysis.

The best solution is the **JAS LPG Vaporizer** to control all necessary parameters for a reproducible phase transition and sample transfer to the GC analyzers.

Especially the optional heated sample path and transfer line are unique solutions for better reproducibility.

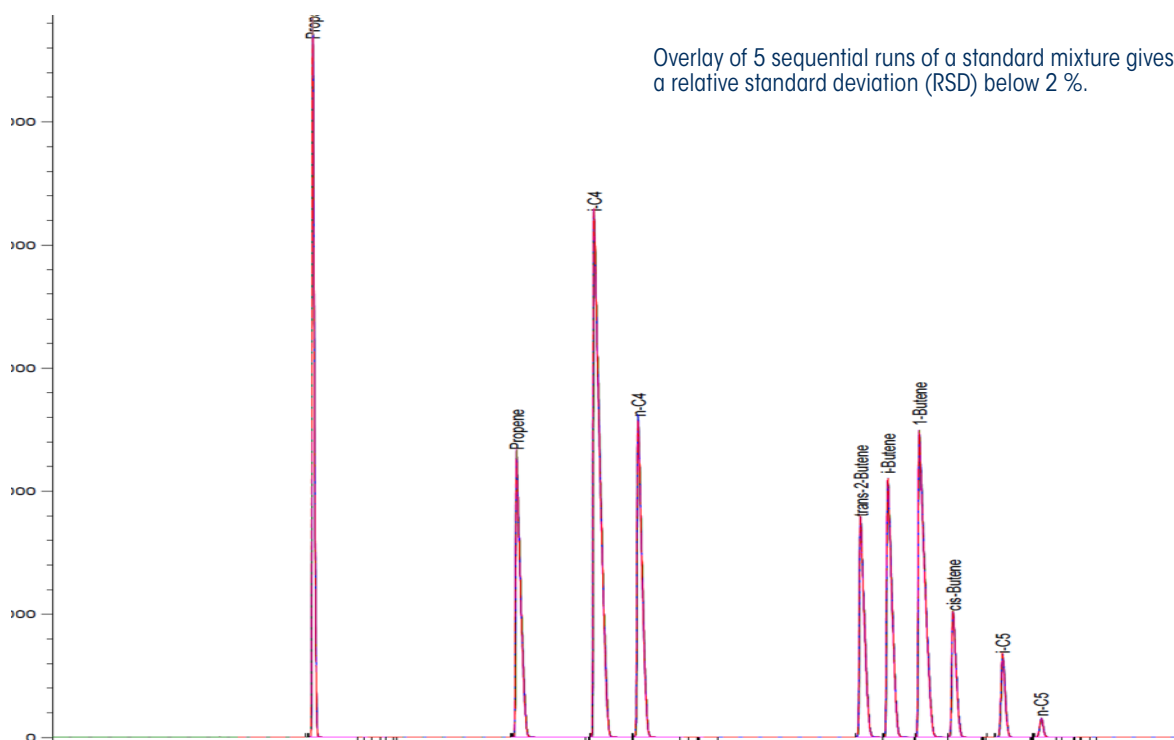
JAS LPG Vaporizer consists of a heated evaporator with a pressure regulator to keep the gas liquid to the point of evaporation.

The temperature range is selectable between 55 and 150 °C and the sample pressure up to 25 bar (360 psi).

This ensures reproducible evaporation and sample transfer.



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Component	WT%
Propane	12
Propene	10
Isobutane	26
n-Butane	12
Isobutene	15
trans-2-Butene	8
Cis-2-Butene	4
Isopentane	2.5
Pentane	0.5

General specifications :

- Vaporizer temperature: 55 – 155 °C
- Heated transfer line temperature: 70 °C
- Heated transfer line length: 1.5 m
- Max inlet pressure: 413 bar (6000 Psig)
- Max outlet pressure: 25 bar (360 Psig)
- Connectors: Swagelok quick connector
- Power supply: 110 V / 220 V
- Size: L x W x H (mm): 360 x 225 x 260
- Weight: 12 Kg

* Note: Specifications subject to change without notice



About Joint Analytical Systems

Since 1995 JAS has been a Premier Solution Partner and Value Added Reseller of Agilent Technologies. We are an innovative-driven organization that offers customized solutions for GC, GCxGC, μ GC, GC-AED, GC-MS, GC-QQQ, LC, LC-MS, LC-QQQ and Q-TOF LC-MS applications.

JAS serves key industries such as

- Chemical
- Petrochemical/HPI
- Environmental
- Food & Flavor
- Forensic

JAS Products for GC

- Atomic Emission Detector
- UNIS Inlet Systems
- Automatic Gas Samplers
- CryoTrap
- Customized Valving Systems
- EzPrep - Preparative Fraction Collector
- Olfactometer
- GICU - Gas Injection Control Unit

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