GASMIX™ by AlyTech

AURA II

LPG VAPORIZER
Simple, safe & cost-saving

Looking for a reliable sampling of LPG or liquefied gas? AlyTech AURA II provides the best service.

Designed for laboratory use as standalone vaporizer for safe and repeatable vaporization of liquefied petroleum gas (LPG) or other liquefied gas for sampling to GC, microGC, GC/MS or elemental analyzer.

A combination of AURA II with GasMix™ Aiolos dilutor/injector is often used by petroleum laboratories for total sulfur analysis in compliance with ASTM D6667 or D7551. Saving operator time and money, this solution enables the automation of gaseous and LPG samples injection, as well as performing a multipoint calibration from a single standard.

The new AlyTech vaporizer significantly increases productivity, safety and improves your quality assurance while running LPG or other liquefied gas samples. Equipped with heating, pressure, and flow regulators it is flexible to fit optimal conditions for your application.

BENEFITS:

- Compact device, simple and ease to use
- Low operating pressure, maximum operator safety
- All tubing are inert treated for trace analysis
- Regulated vaporizer from 40°C to 160°C
- Guaranteed vapor phase injection
- Pressure or flow operation mode
- Regulated output pressure 1 to 3 bar abs
- Regulated output flow from 20 to 200 cc/min
- Equipped with 0,5µ stainless steel filter
- Inlet gas pressure security by relief valve
- Multiple operation indicators
- 24V DC power supply

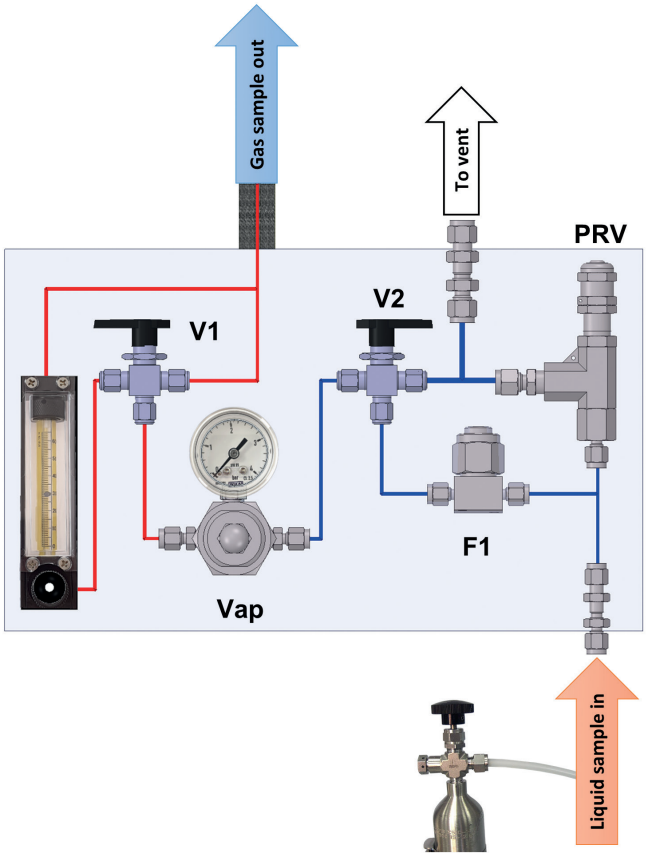
TYPICAL APPLICATIONS:

Oil & Gas companies:
- Liquified gas sampling to GC, microGC, GC/MS
- Calibration of elemental analyzers
- LPG sampling for detailed hydrocarbon analysis

Research:
- Analyses of LPG or liquified gas
- Gaseous samples preparation

AURA II : Convenient and versatile

The AURA II is capable of handling inlet pressures up to 50 bar (725 Psi) assuring gas output up to 3 bar (43 psi). After liquid sample gasification, all gas lines are heated to prevent condensation. Flexible 1-meter heated transfer line is delivered in standard. There are switching valves, gages and regulators to set output by desired pressure or by flow whatever is more suitable for the analyzer.



TECHNICAL SPECIFICATIONS

- Inlet Pressure max: 50 bar (725 psi), protected by relief valve
- Inlet Pressure min: 2 bar (30 psi)
- Vaporizer temperature: max 160°C (320°F)
- T° regulator range: 40-160°C (104-320°F)
- Warm Up time: Typical 15 minutes
- Heat power of vaporizer: 100W
- Internal gas lines: Heated at 120°C (248°F)
- Output gas line: Insulated transfer line of 1 meter, heated at 120°C (248°F)
- Inlet filter: sainless steel, 0.5µ
- Output regulation: Pressure or Flow
- Outlet Pressure: typical 1 bar abs (14psi), max 3 bar (43psi)
- Output Flow: 20 to 200 ccmin (methane)
- Power supply: 24VDC, external AC-DC adapter
- Electrical specification: 110-230VAC, 2.4A, 50-60Hz
- Connectors: 1/8" inlet; 1/8" output line ; 1/4" to vent
- Inert lines: Entire gas flow path is inert treated compatible with trace analysis of reactive analytes
- Regulators: Temperature, Pressure, Flow
- Indicators: Power On, Heat Lines On, Regulating
- Dimensions: 22x27x31 cm (8.6" x 10.6" x 12.2")
- Weight: 8 kg (18 lbs)

* Note: Specifications subject to change without notice

OTHER RELATED GASMIX™ PRODUCTS:

AIOLOS II

The intelligent gas mixer, diluter & injector makes customized gas mixtures with high accuracy, reproducibility and traceability.

LIQMIX

An automated and cost effective way to generate a standard gas from a liquid or liquid mixture down to ppb levels.

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30 años brindando soluciones

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