

AlyTech GASMIX

On-site Customized Gas Preparation - Accurate and Repeatable

On-site customized Gas Standard Preparation for Single and Multipoint Calibration Standards has never been easier than with the versatile GasMix™ Gas Standard Preparation System.

The AlyTech GasMix™ can prepare and automatically inject gases in virtually all kinds of analytical instruments. The principle behind GasMix™ is based on mixing, diluting, and injecting two to twelve gas standards and may be used for a wide variety of applications like analyzer calibration and validation, to odorize natural gas, synthetic gas mixture generation, glove box atmosphere control, reactor gas feeding, sample conditioning prior to analysis.

AlyTech GasMix™ CalibrateIT 12C Analysis Software



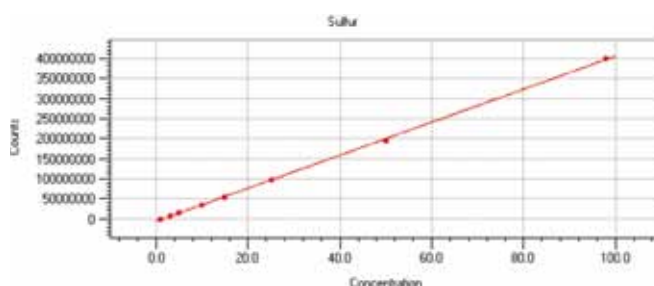
The CalibrateIT 12C Software is fully automated allowing for a single injection to run or a fully automated and pre-programmed sequence. The GasMix™ CalibrateIT 12C Analysis Software can be remotely controlled; it may drive an external injection valve and/or the Start command of an analyzer. An added benefit of the GasMix drastically reduces operator time.

System operators will easily master the GasMix™ CalibrateIT 12C Analysis Software; is user friendly software that allows for ease of operation and job preparation, from a single injection up to a fully automated sequence. The GasMix™ CalibrateIT 12C Software has a built in Audit Trail function that ensures a total traceability of the operations carried out. Regular automatic sequences may be saved and recalled at any time.



Benefits of the GasMix™

- **Ease to Use Calibration Analysis Software (CAS):**
The GasMix™ CAS Software is a dedicated software platform that allows you to automate all operations required to run the GasMix™, the operator just connects the cylinders and the software will do the rest.
- **Resourceful and Transportable:**
Significantly reduce the amount of Calibration Gases needed. The transportable GasMix™ handles and optimizes the flow and purge times in the calibration sample preparation.
- **Reduced Operator Time:**
GasMix™ has been designed to run without Operator Intervention.
- **Linear Calibration Curves:**
Ensure accuracy of the measurements.



The GasMix™ system is Linear, Accurate and Repeatable

✓ Linear

✓ Accurate

✓ Repeatable

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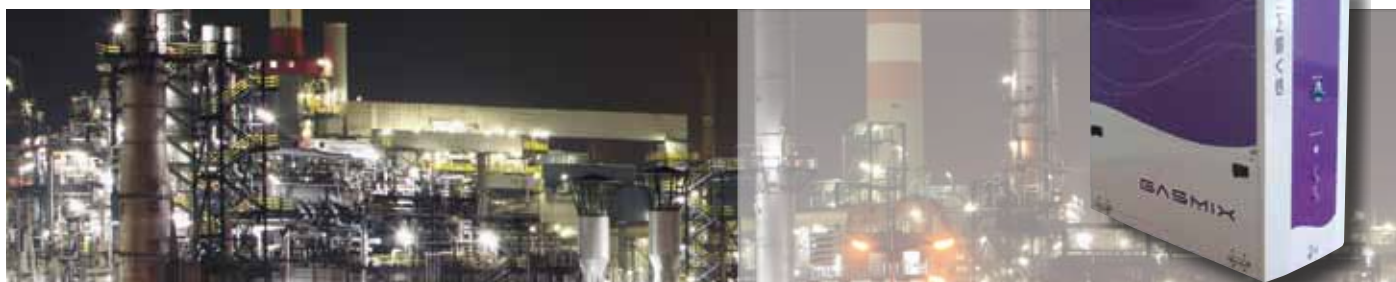
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GasMix™ is Compliant with International Standards Method 6145 Gas Volumetric Preparation:

It adheres to the specific Standards requirements for ISO Method 6145-7 which calls for preparation of gas standards by dynamic mixing. GasMix™ complies with the March 2010 edition of the method.

Who Benefits from using the AlyTech GasMix™

- Environmental – Calibration of analyzers for ambient air surveillance, in laboratories and on site
- Petrochemical – Oil & Gas in laboratories
- Food & Flavour - Quality control
- Automotive Industry – Engine bench and Emission Control
- Specialty Gases
- Electronics Industry



Key Applications

- Gas Chromatography
- Gas analyzers for refinery RGA's
- Analysis of sulphur traces
- Gas spectroscopy
- On-line gas analyzer calibration

Published Application Notes

- Computer-Controlled Gas Dilution
GasMix™ App Note: 05
- Multipoint Calibration is now of interest for Gases
GasMix™ App Note: 06 03
- Automated Sequences for Standard Gas Injections
GasMix™ App Note: 06 04



Technical specifications:

Dimensions:	L x W x H (cm) : 45 x 22 x 46
Weight:	14 kg – 30 pounds
Connection:	Swagelok 1/8"
Accuracy:	less than 2% of the flow all over the scale
Dilution:	from 0,5 to 100% of the initial concentration
USB Communication- Designed for Windows™ XP	
Power Supply:	220 VAC / 2A / 50-60 Hz (110V available)
Enter Pressure:	Gas 3 bar –LPG 1 bar
Max Exit Pressure:	2 mm Hg to 800 mm Hg absolute

** Note Specifications subject to change without notice*

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