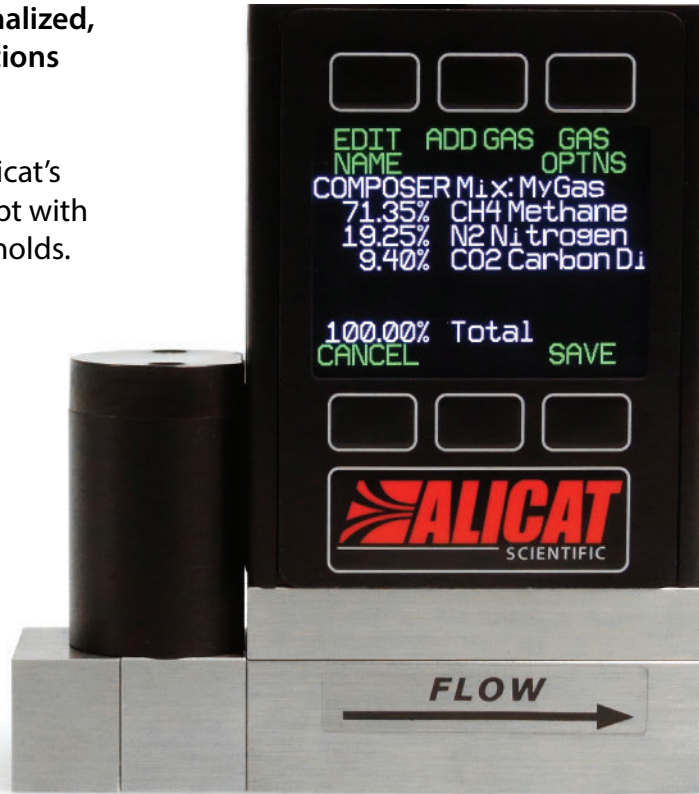


Gas Select™ COMPOSER



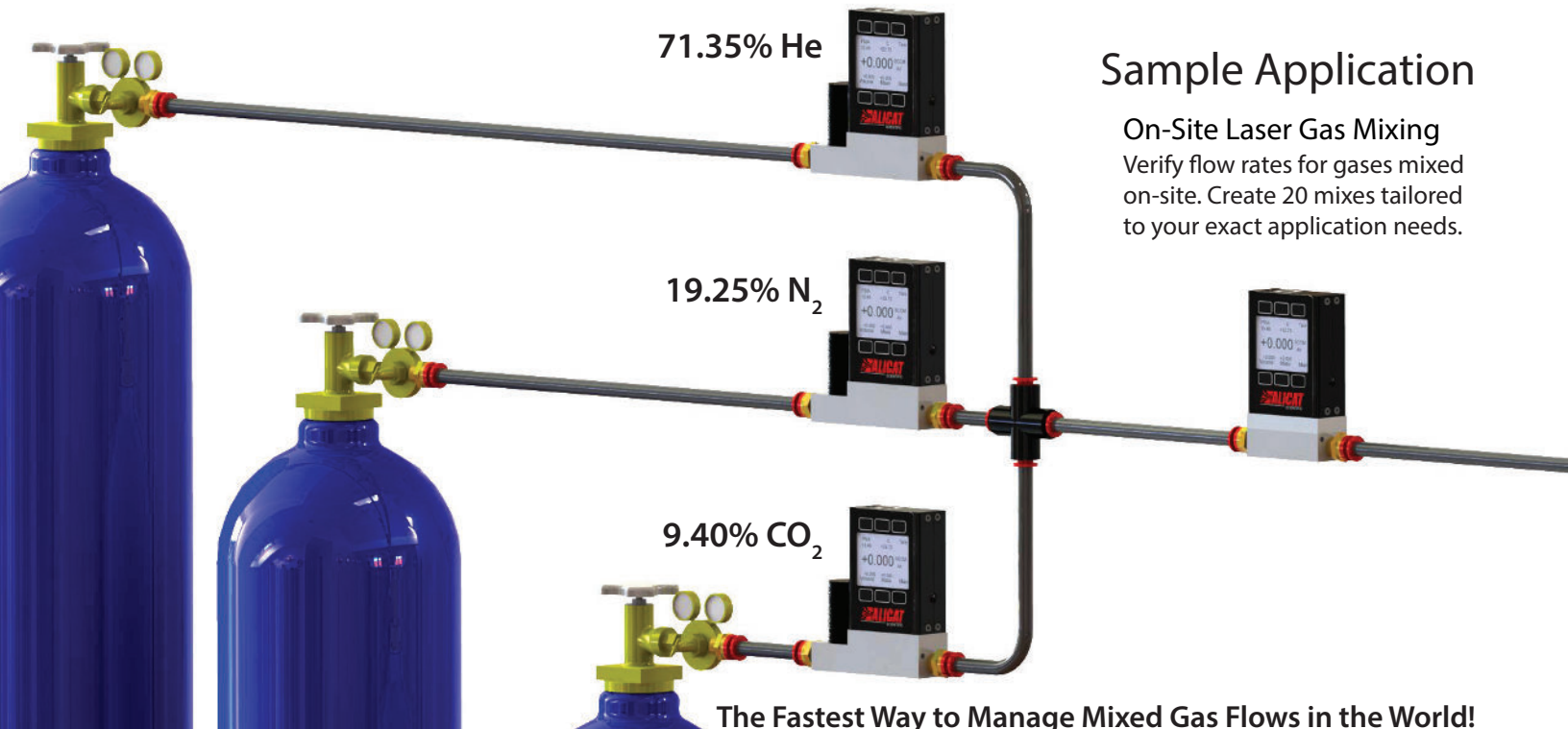
Compose accurate, personalized, on-the-fly gas mix calibrations right on your device!

Flow needs change, and Alicat's COMPOSER is ready to adapt with you, whatever your future holds. The day of disposable flow instruments is over.



20 gas mixes • 5 gases per mix • up to 130 preloaded gases

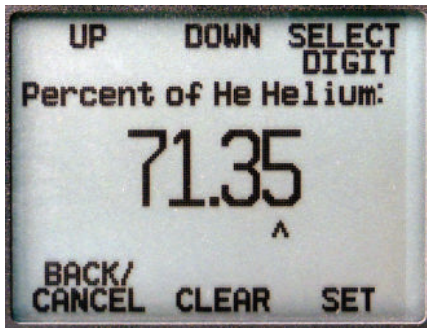
Easy
•
Accurate
•
Personalized
•
Future-Proofed



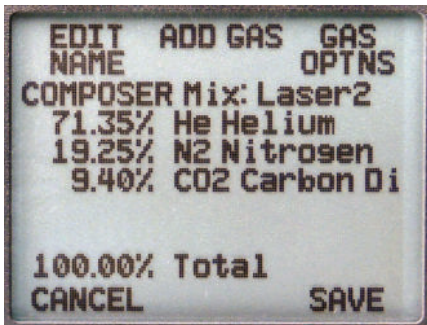
Sample Application

On-Site Laser Gas Mixing
Verify flow rates for gases mixed on-site. Create 20 mixes tailored to your exact application needs.

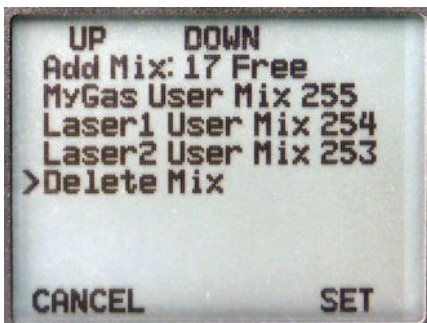
The Fastest Way to Manage Mixed Gas Flows in the World!



Define gas compositions to 0.01% for each of up to 5 constituent gases.



COMPOSER mixes are NIST-traceably accurate to 0.8% or 0.4% of reading.



Create and store 20 COMPOSER gas mixes simultaneously on each device.

>agm Laser2 254 71.35 7 19.25 8 9.4 4
A 254 71.35% He 19.25% N2 9.40% CO2

Generate gas stubs for multiple units in seconds with single RS-232 commands.

See the video!



alicat.com/composer
Alicat Scientific, Inc • 888-290-6060

Gas Select™ 5.0

Never use inaccurate K-factors again! Complete NIST Ref Prop 9 gas properties data for up to 130 preloaded full gas calibrations, selectable in real time.

Pure Gases

- Acetylene
- Air
- Argon
- i-Butane
- n-Butane
- Carbon dioxide
- Carbon monoxide
- Deuterium
- Ethane
- Ethylene (Ethene)
- Helium
- Hydrogen
- Krypton
- Methane
- Neon
- Nitrogen
- Nitrous Oxide
- Oxygen
- Propane
- Sulfur Hexafluoride
- Xenon

Bioreactor Gases

- 5% CH₄
- 10% CH₄
- 15% CH₄
- 20% CH₄
- 25% CH₄
- 30% CH₄
- 35% CH₄
- 40% CH₄
- 45% CH₄
- 50% CH₄
- 55% CH₄
- 60% CH₄
- 65% CH₄
- 70% CH₄
- 75% CH₄
- 80% CH₄
- 85% CH₄
- 90% CH₄
- 95% CH₄

Chromatography Gases

- P-5
- P-10

Welding Gases

- C-2
- C-8
- C-10
- C-15
- C-20
- C-25
- C-50
- C-75
- He-25
- He-50
- He-75
- He-90
- A1025
- Stargon CS

Pure Corrosives

**Requires MS/MCS-Series instrument*

- Ammonia
- Butylene (1-Butene)
- Cis-Butene
- Iso-Butene
- Trans-Butene
- Carbonyl Sulfide
- Chlorine
- Dimethylether
- Hydrogen Sulfide
- Nitrogen Trifluoride
- Nitric Oxide
- Propylene
- Silane
- Sulfur Dioxide

Refrigerants

**Requires MS/MCS-Series instrument*

- R-11
- R-14
- R-22
- R-23
- R-23
- R-32
- R-115
- R-116
- R-124
- R-125
- R-134A
- R-142B
- R-143A
- R-152A
- RC-318
- R-404A
- R-407C
- R-410A
- R-507A

Breathing Gases

- EAN-32
- EAN-36
- EAN-40
- Metabolic Exhalant
- EA-40
- EA-60
- EA-80
- Heliox-20
- Heliox-21
- Heliox-30
- Heliox-40
- Heliox-50
- Heliox-60
- Heliox-80
- Heliox-99

Laser Gases

- 4.5% CO₂+13.5% N₂+82% He
- 6% CO₂+14% N₂+80% He
- 7% CO₂+14% N₂+79% He
- 9% CO₂+15% N₂+76% He
- 9.4% CO₂+19.25% N₂+71.35% He
- 9% Ne+91% He

O₂ Concentrator Gases

- 89% O₂+7% N₂+4% Ar
- 93% O₂+3% N₂+4% Ar
- 95% O₂+1% N₂+4% Ar

Fuel Gases

- **Coal Gas** 50% H₂+35% CH₄+10% CO+5% C₂H₄
- **Endothermic Gas** 75% H₂+25% N₂
- **HHO** 66.67% H₂+33.33% O₂
- **LPG HD-5** 96.1% C₃H₈+1.5% C₂H₆+0.4% C₃H₆+1.9% n-C₄H₁₀
- **LPG HD-10** 85% C₃H₈+10% C₃H₆+ 5% n-C₄H₁₀

Natural Gases

- 93% CH₄+3% C₂H₆+1% C₃H₈+2% N₂+1% CO₂
- 95% CH₄+3% C₂H₆+1% N₂+ 1% CO₂
- 95.2% CH₄+2.5% C₂H₆+0.2% C₃H₈+0.1% C₄H₁₀+1.3% N₂+0.7% CO₂

Synthesis Gases

- 40% H₂+29% CO+20% CO₂+11% CH₄
- 64% H₂+28% CO+1% CO₂+7% CH₄
- 70% H₂+4% CO+25% CO₂+1% CH₄
- 83% H₂+14% CO+3% CH₄

Stack/Flue Gases

- 2.5% O₂+10.8% CO₂+85.7% N₂+1% Ar
- 2.9% O₂+14% CO₂+82.1% N₂+1% Ar
- 3.7% O₂+15% CO₂+80.3% N₂+1% Ar
- 7% O₂+12% CO₂+80% N₂+1% Ar
- 10% O₂+9.5% CO₂+79.5% N₂+1% Ar
- 13% O₂+7% CO₂+79% N₂+1% Ar