

Gas Select COMPOSER™

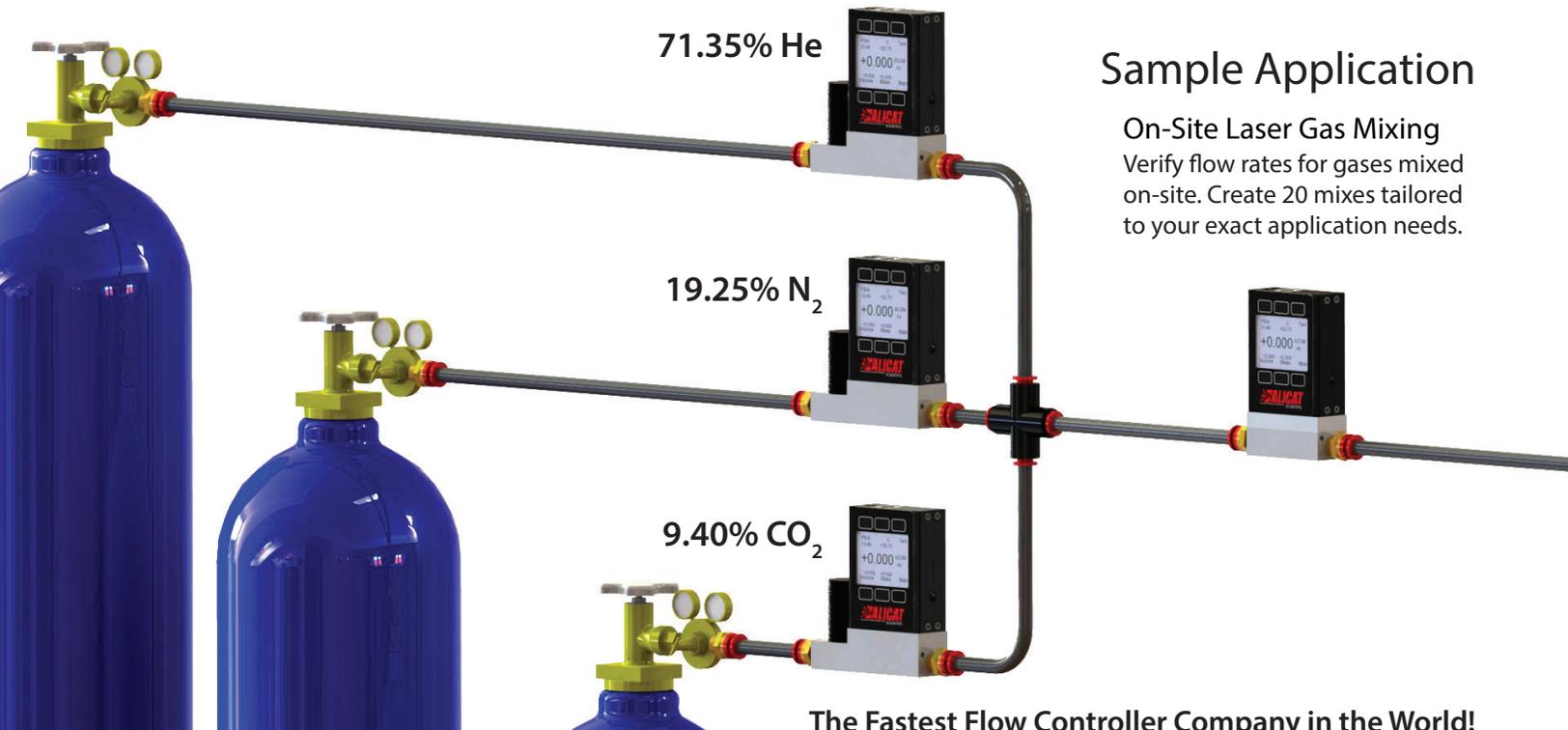
Personalized gas compositions for accurate mixed gas measurement

Your flow needs will change. Alicat's COMPOSER™ is ready to adapt with you, on the fly. The day of disposable flow instruments is over.



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

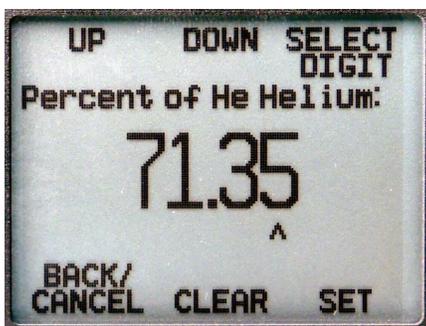
Easy
•
Accurate
•
Personalized
•
Future-Proofed



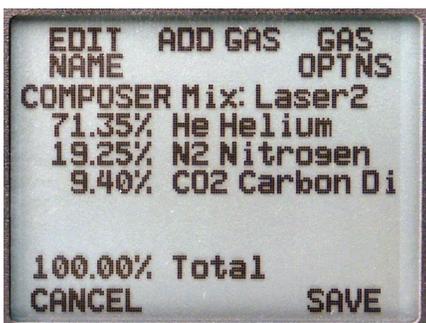
Sample Application

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

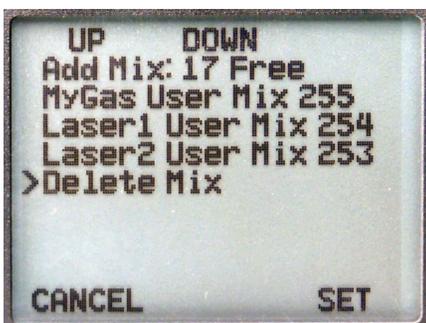
The Fastest Flow Controller Company in the World!



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 lists for multiple units in seconds with single RS-232 commands.

See the video!



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 (meters only)
- Dimethylether
- Hydrogen Sulfide
- Nitrogen Trifluoride
- Nitric Oxide
- Propylene
- Silane
- Sulfur Dioxide (meters only)

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