

Apex Gas Library for Aggressive Gas Units

Inert Gases	Bioreactor Gas Mixes	Corrosives	Breathing Gases
Acetylene	• 5% CH4 95% CO2	• Ammonia	EAN-32
• Air	• 10% CH4 90% CO2	• Butylene (1-Butene)	• EAN-36
• Argon	• 15% CH4 85% CO2	• Cis-Butene	• EAN-40
• i-Butane	• 20% CH4 80% CO2	• Iso-Butene	• EA-40
• n-Butane	• 25% CH4 75% CO2	• Trans-Butene	• EA-60
• Carbon dioxide	• 30% CH4 70% CO2	• Carbonyl Sulfide	• EA-80
• Carbon monoxide	• 35% CH4 65% CO2	• Chlorine	• Heliox-20
• Deuterium	• 40% CH4 60% CO2	• Dimethylether	• Heliox-21
• Ethane	• 45% CH4 55% CO2	• Hydrogen Sulfide	• Heliox-30
• Ethylene (Ethene)	• 50% CH4 50% CO2	• Nitrogen Trifluoride	• Heliox-40
• Helium	• 55% CH4 45% CO2	• Nitric Oxide	• Heliox-50
• Hydrogen	• 60% CH4 40% CO2	• Propylene	• Heliox-60
• Krypton	• 65% CH4 35% CO2	• Silane	• Heliox-80
• Methane	• 70% CH4 30% CO2	• Sulfur Dioxide	• Heliox-99
• Neon	• 75% CH4 25% CO2		• Metabolic Exhalant
• Nitrogen	• 80% CH4 20% CO2		
• Nitrous Oxide	• 85% CH4 15% CO2		
• Oxygen	• 90% CH4 10% CO2		
• Propane	• 95% CH4 5% CO2		
• Sulfur Hexafluoride			
• Xenon			

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
- Nat Gas 93% CH4+3% C2H6+1% C3H8+2% N2+1% CO2
- Nat Gas 95% CH4+3% C2H6+1% N2+ 1% CO2
- Nat Gas 95.2% CH4+2.5% C2H6+0.2% C3H8+0.1% C4H10+1.3% N2+0.7% CO2
- Syn Gas 40% H2+29% CO+20% CO2+11% CH4
- Syn Gas 64% H2+28% CO+1% CO2+7% CH4
- Syn Gas 70% H2+4% CO+25% CO2+1% CH4
- Syn Gas 83% H2+14% CO+3% CH4

Refrigerants

- R-11
- R-14
- R-22
- 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

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

Laser Gas Mixtures

- 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

Stack/Flue Gas

- 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