

G400

Gas Mixing Systems



Whether you want to mix two gases or nine, from a few mL to hundreds of liters per minute Qubit can provide a gas mixing system that meets your requirements.

Qubit's Gas Mixing Systems can provide virtually any gas mixture you require, with up to nine component gases. Gases are mixed automatically using mass flow controllers with superb accuracy - just select component gases in software, enter the composition you require and the total flow rate. Our PC-based Gas Mixing Software (C960) performs all the calculations required to generate your chosen gas mixture and implements mass flow controller settings with a mouse click. You may mix one gas combination and queue the next. If any selection is out of range the software warns you. With Qubit's Gas Mixing Systems you can't go wrong.

Key Features:

- Combine up to 9 gases using Qubit's Mass Flow Controllers.
- Mass Flow Controller Ranges from 0.5 SCCM to +200 SLM.
- Mass Flow Controller accuracy 0.2 % full scale or 0.8% of reading..
- Multiple Alternate Gases may be used with each controller.
- 13 Different gas flow calibrations stored per controller.
- pure or mixed gases used as input gas.
- manual or software control of mixing.
- PC interface provided for software control.

Software:

- Combine 2 to 9 gases automatically.
- Instantaneous provision of required mixture with a mouse click.
- No calibration input required.
- Intuitive command structure.
- Automated flow implementation based on ratio and total flow.
- Error messages prevent selection out of range.
- Implement one gas mixture and queue the next.
- Store and retrieve settings.

Let us know what you require:

- Number of gases being mixed.
- Type of gases being mixed.
- Concentration ranges of resultant gases.
- Total, final flow rate required.

