Sechrist Air / Oxygen Mixers provide for precise mixing of air and oxygen for many clinical applications. Sechrist Air / Oxygen Mixers are available in high flow or low flow configurations and are available for general or specific applications. Sechrist controls every step of design, engineering, manufacture and service of all of our products to assure an unmatched level of quality, performance, safety and patient comfort. Sechrist can also customize the Air / Oxygen Mixers to meet the specific needs of our healthcare partners.

**SIMPLE** - It is well understood that if a device can be designed to perform its intended task in a straightforward and simple manner, the better it will accomplish its function. A simple design resulting in lower costs, increased reliability and lower maintenance costs. Sechrist mixers are consistently less complex than competitive devices.

**ACCURATE** - The precise design of Sechrist mixers provides assurance of oxygen concentration accuracy within +/- 3% percentage point even in circumstances involving wide variances in supply gas pressures.

**VERSATILE** - Pole or wall mounting configurations as well as dual outlet connections are available for most models.

**FILTRATION** - Sechrist mixers incorporate integral filtration of supply gases. A 0.1-micron water trap/filter is provided for the air inlet connection and both gas supply connections are protected by 7 micron sintered stainless steel (non-corroding) filters.

**SAFETY** - In the event of a supply gas failure, an audible alarm is triggered as well as an assurance that gas from the remaining supply source will continue to be delivered.

**CUSTOMIZED** - Custom designs can be manufactured for desired specifications and applications.

**Codes And Standards**

Sechrist Industries’ design, manufacturing services and installation systems are certified to ISO 13485 Quality Assurance Standard for Medical Devices. In addition, Sechrist’s Air/Oxygen Mixers are designed, fabricated, assembled, tested, and installed in accordance with the following codes and standards, current editions:

- NFPA 99 Health Care Facilities
- CMDCAS – Canadian Medical Conformity Assessment System
- IEC 60601-1
- U.S. FDA Requirement, 21 Code of Federal Regulations, Part 820
- CAN/CSA Std. 22.2, No. 601.1

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Sechrist Air / Oxygen Mixers

Sechrist Air / Oxygen Gas Mixers - Model 20090 & Model 3500 CP-G
Provides for precise mixing of air and oxygen for many clinical applications. Models 20090 & 3500 CP-G gas mixers are specifically designed for ECMO and Heart-Lung Bypass applications.

**Accuracy**: +/- 3% • Maximum Flow at 60% FIO2 and 50 psi Supply Pressure: 40 LPM
Bleed Flow: 3.0 - 4.0 LPM @ 8 LPM Flow Rate • FIO2 Range: 0.21 +0.01 to 1.0 -0.1
Gas Supply Range: 50 psi +/- 10 psi

**Model 20090**
Standard Accessories:
- 0-10 LPM flowmeter
- 1000 ml flowmeter
- 100-1400 ml CO2 flowmeter
- Water Trap Assembly
- 14ft air hose/14ft oxygen hose

**Model 3500 CP-G**
Standard Accessories:
- 0-10 LPM flowmeter
- 1000 ml flowmeter
- Water Trap Assembly

Optional Accessories:
- 14ft air hose/14ft oxygen hose

For export only. Not sold or offered for sale in domestic commerce. Not CE marked.

Sechrist Air / Oxygen Gas Mixers - Model 20457 & Model 20459
Provides for precise mixing of air and oxygen for many clinical applications. Models 20457 and 20459 are low flow mixers designed for general applications. 20457 utilizes a wall mount configuration and 20459 provides for pole mounting.

**Accuracy**: +/- 3% • Maximum Flow at 60% FIO2 and 50 psi Supply Pressure: 40 LPM
Bleed Flow: 3.0 - 4.0 LPM @ 8 LPM Flow Rate • FIO2 Range: 0.21 +0.01 to 1.0 -0.1
Gas Supply Range: 50 psi +/- 10 psi

**Model 20457**
Standard Accessories:
- 0-15 LPM flowmeter
- Water Trap Assembly

Optional Accessories:
- 14ft air hose/14ft oxygen hose, both with DISS fittings

**Model 20459**
Standard Accessories:
- 0-15 LPM flowmeter
- Water Trap Assembly

Optional Accessories:
- 14ft air hose/14ft oxygen hose, both with DISS fittings

Sechrist Air / Oxygen Gas Mixers - Model 3600 & Model 3601
Provides for precise mixing of air and oxygen for many clinical applications. Models 3600 and 3601 are high flow mixers designed for general applications. 3601 utilizes a wall mount configuration and 3600 provides for pole mounting.

**Accuracy**: +/- 3% • Maximum Flow at 60% FIO2 and 50 psi Supply Pressure: 100 LPM
Bleed Flow: 7.5 - 9.5 LPM @ 16 LPM Flow Rate • FIO2 Range: 0.21 +0.01 to 1.0 -0.1
Gas Supply Range: 50 psi +/- 10 psi

**Model 3600**
Standard Accessories:
- Water Trap Assembly

Optional Accessories:
- 14ft air hose/14ft oxygen hose, both with DISS fittings

**Model 3601**
Standard Accessories:
- Water Trap Assembly

Optional Accessories:
- 14ft air hose/14ft oxygen hose, both with DISS fittings

*Note: Mixers will maintain the delivered FIO2 within +/- 1 percentage point of the selected value even with fluctuations in supply pressures. An addition 2% variance may result from the readability of the set point and scale error.

BECAUSE LIFE DEMANDS THE BEST