Sechrist Air / Oxygen Mixers provide for precise mixing of air and oxygen at operator selected ratios, for delivery to patients through various equipment for many clinical applications (respiratory care equipment and cardiopulmonary (heart-lung) bypass equipment). Sechrist Air / Oxygen Mixers are available in high flow or low flow.

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.

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

*All customizations shall fall within FDA cleared guidelines

**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.

*Pressure differential within 20 psig.

**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 0.01-micron water trap/filter is provided for the air inlet connection and both gas supply connections are protected by 5 micron sintered stainless steel (non-corroding) filters.
LOW FLOW AIR/OXYGEN MIXERS

MODEL 3500 CP-G

Standard Parts:
0-10 LPM Flowmeter, 1000 ml Flowmeter, Water Trap Assembly

Optional Parts:
14ft air hose/14ft oxygen hose**

Provides for precise mixing of air and oxygen for many clinical applications. Model 3500 CP-G gas mixer is specifically designed for ECMO and Heart-Lung Bypass applications.

MODEL 20400**

Optional Parts:
0-15 LPM Flowmeter, Water Trap Assembly, 14ft air hose/14ft oxygen hose**

Provides for precise mixing of air and oxygen for many clinical applications.

MODELS 20457 / 20459

Standard Parts:
0-15 LPM Flowmeter, Water Trap Assembly

Optional Parts:
14ft air hose/14ft oxygen hose, both with DISS fittings**

Models 20457 and 20459 are low flow mixers that provides for precise mixing of air and oxygen for many clinical applications. Model 20457 - Wall Mount • Model 20459 - Pole Mount

Accuracy*: +/- 3% • Maximum Flow at 60% FIO2 and 50 psig • Maximum Flow: 40 LPM • Bleed Flow: 2.5 - 4.5 LPM @ 8 LPM Flow Rate • FIO2 Range: 0.21 +0.01 to 1.0 • Gas Supply Range: 50 psig +/- 20 psig

HIGH FLOW AIR/OXYGEN MIXERS

MODELS 3600 / 3601

Standard Parts:
Water Trap Assembly

Optional Parts:
14ft air hose/14ft oxygen hose**, both with DISS fittings**

Provides for precise mixing of air and oxygen for many clinical applications. Model 3600 - Pole Mount • Model 3601 - Wall Mount

Accuracy*: +/- 3% • Maximum Flow at 60% FIO2 and 50 psig • Maximum Flow: 100 LPM • Bleed Flow: 8 - 10 LPM @ 16 LPM Flow Rate • FIO2 Range: 0.21 +0.01 to 1.0 • Gas Supply Range: 50 psig +/- 20 psig