



## SECHRIST AIR / OXYGEN MIXERS

## FEATURE OVERVIEW

Sechrist Air / Oxygen Gas 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 straight forward 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.

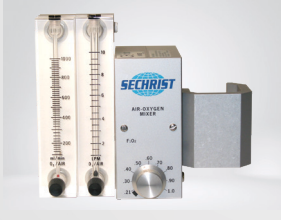
### VERSATILE

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% FIO<sub>2</sub> and 50 psig • Maximum Flow: 40 LPM • Bleed Flow: 2.5 - 4.5 LPM @ 8 LPM Flow Rate • FIO<sub>2</sub> 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% FIO<sub>2</sub> and 50 psig • Maximum Flow: 100 LPM • Bleed Flow: 8 - 10 LPM @ 16 LPM Flow Rate • FIO<sub>2</sub> Range: 0.21 +0.01 to 1.0 • Gas Supply Range: 50 psig +/- 20 psig**



Registered Address:  
Obelis s.a.  
Bd. Général Wahis 53  
B-1030 Brussels, Belgium  
Phone: 32.2.732.59.54  
Fax: 32.2.732.60.03  
E-mail: mail@obelis.net  
Representative: Mr. Gideon ELKAYAM (CEO)

## Sechrist Industries, Inc.

4225 E. La Palma Avenue  
Anaheim, CA 92807 USA  
Phone: 714-579-8400 • Fax: 714-579-0814  
USA and Canada: 1-800 SECHRIST (732-4747)  
Website: www.sechristusa.com • email: info@sechristusa.com



CE 1639

P/N100016 REV 13 - SEPTEMBER 2023

**\*Note: Mixers will maintain the delivered FIO<sub>2</sub> 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. \*\* Not CE marked**