



SECHRIST AIR / OXYGEN MIXERS (BLENDERS)

FEATURE OVERVIEW

Sechrist Air / Oxygen Gas Mixers (Blenders) 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 Gas Mixers (Blenders) 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.

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 (blenders) are consistently less complex than competitive devices.

ACCURATE

The precise design of Sechrist mixers (blenders) provides assurance of oxygen concentration accuracy within ± 3 percentage point even in circumstances involving wide variances in supply gas pressures.

SERVICE & SUPPORT

Sechrist stands behind every mixer (blender) we manufacture with comprehensive service and technical support. Our dedicated team ensures that your equipment continues to perform at the highest standards, helping you maximize uptime and extend product life.

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.

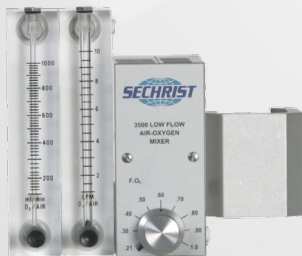
VERSATILE

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

FILTRATION

Sechrist mixers (blenders) 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 GAS MIXERS (BLENDERS)



P/N 3500CP-G

Standard Parts:

0-10 LPM Flowmeter,
1000 ml Flowmeter, Water Trap
Assembly

Optional Parts:

14ft air hose/14ft oxygen hose
both with DISS male fittings**

Provides for precise mixing of air and oxygen for many clinical applications. Part Number 3500 CP-G Air/Oxygen Gas Mixer (Blender) is specifically designed for ECMO and Heart-Lung Bypass applications.



P/N 20400**

Optional Parts:

0-15 LPM Flowmeter,
Water Trap Assembly,
DISS Fitting (female),
14ft air hose/14ft oxygen hose
both with DISS male fittings**

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



P/N 20457 AND P/N 20459

Standard Parts:

0-15 LPM Flowmeter, Water Trap Assembly

Optional Parts:

14ft air hose/14ft oxygen hose both with DISS male fittings**

Part Numbers 20457 and 20459 are Low Flow Air/Oxygen Gas Mixers (Blenders) that provides for precise mixing of air and oxygen for many clinical applications. Low Flow Mixers (Blenders) are part of the 3500H product family.

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 to 1.0 • Gas Supply Range: 50 psig +/- 20 psig

HIGH FLOW AIR/OXYGEN GAS MIXERS (BLENDERS)



P/N 3600 AND P/N 3601

Standard Parts:

Water Trap Assembly

Optional Parts:

14ft air hose/14ft oxygen hose both with DISS male fittings**

Provides for precise mixing of air and oxygen for many clinical applications. Part Number 3600 - Pole Mount • Part Number 3601 - Wall Mount High Flow Mixers (Blenders) are part of the 3500HL product family.

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 to 1.0 • Gas Supply Range: 50 psig +/- 20 psig

*Note: Mixers (Blenders) 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. ** Not CE marked



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