

Bird® Blenders

Critical care ventilation



The perfect blend for a variety of applications

The quality, reliability and versatility of Bird® Blenders have made them the blenders of choice for more than 30 years. CareFusion offers a diverse line of Bird Blenders to meet the needs of a variety of applications, including options for MRI facilities, NICUs and transport.



An oxygen monitor, analyzer and blender in one compact, affordable unit

Bird Sentry® Blender

The Bird Sentry Blender compact air/oxygen gas mixing device incorporates the use of a battery-powered oxygen analyzer/monitor. The gas mixing device (*blender*) provides precise medical grade air and oxygen mixing. The analyzer measures the selected oxygen concentrations from the blender's gas flow and shows these measured concentrations on a digital display. The monitor provides high and low alarm limits that, when exceeded, cause an audible/visual alarm to activate.



Bird Sentry Blender High Flow	
Cat. no.	15625A
Dimensions	7.25x4.75x6.5" (184x127x159 mm)
Weight	4.5 lb (2 kg)
Sensor accuracy	± 2% O ₂
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	2 to 100 LPM
Bleed flow	3 to 5 LPM when activated
Power source	2 AA (1.5 V each) alkaline batteries

Bird Sentry Blender Low Flow	
Cat. no.	16694A
Dimensions	7.25x4.75x6.5" (184x127x159 mm)
Weight	4.5 lb (2 kg)
Sensor accuracy	± 2% O ₂
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated
Power source	2 AA (1.5 V each) alkaline batteries



Bird Blender High Flow

The versatile Bird Blender High Flow features delivery of accurate FiO₂ mixtures from two outlet ports and has an overall flow range of 2 to 120 LPM. It is ideal for when high demands of blended gas are required.

Bird Blender High Flow	
Cat. no.	03800A
Dimensions	3.5x3.4x3.6" (89x86x91 mm)
Weight	2.75 lb (1.25 kg)
Sensor accuracy	± 3% O ₂
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	2 to 20 LPM
Bleed flow	10 to 20 LPM when activated



Bird Blender Low Flow

Perfect for air, ground and in-house transports as well as infant applications, the Bird Blender Low Flow features accurate blends at a flow range of 3 to 30 LPM with no gas bleed flow, or 0 to 30 LPM with a minimal 2.5 to 3.5 LPM gas bleed flow.

Bird Blender Low Flow	
Cat. no.	03920A
Dimensions	3.5x3.4x3.6" (89x86x91 mm)
Weight	2.75 lb (1.25 kg)
Sensor accuracy	± 3% O ₂
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated

UltraBlender

The UltraBlender has the same specifications as the Bird Blender High Flow, but it includes two pressure-compensated flowmeters mounted to either side. Available in a variety of configurations, the UltraBlender is a good option for NICUs and PICUs.



UltraBlender Low Flow

Dimensions	3.5x3.4x3.6" (89x86x91 mm)
Weight	4 lb (1.82 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated

UltraBlender configuration

Cat. no.	Left side flowmeter	Right side flowmeter
10040A	2.0 to 16 LPM, increments of 1	0.1 to 1.0 LPM, increments of 0.1
10041A	2.0 to 16 LPM increments of 1	0.5 to 5.0 LPM increments of 0.5
10042A	2.0 to 16 LPM increments of 1	1.0 to 10 LPM increments of 1
10046A	2.0 to 16 LPM increments of 1	2.0 to 16 LPM increments of 1
10047A	1.0 to 10 LPM increments of 1	0.1 to 1.0 LPM increments of 0.1
10049A	1.0 to 10 LPM increments of 1	1.0 to 10 LPM increments of 1



OmniBlender

The OmniBlender is designed with multi-use in mind. Three outlet ports provide combined flows from 2 to 100 LPM, giving the user the ability to have three separate items connected at once.

OmniBlender High Flow

Cat. no.	03803T
Dimensions	3.5x3.4x3.6" (89x86x91 mm)
Weight	3 lb (1.36 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Three
Overall flow range	2 to 100 LPM
Bleed flow	10 to 12 LPM continuous



Bird Blender MRI

Made entirely of non-magnetic materials, the Bird Blender MRI is specifically made for use in MRI environments, and it has identical specifications to the standard Bird High Flow Blender.

Bird Blender MRI

Cat. no.	10030A
Dimensions	3.5x3.4x3.6" (89x86x91 mm)
Weight	2.75 lb (1.25 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG/2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	Two
Overall flow range	2 to 120 LPM
Bleed flow	10 to 12 LPM when activated

Recommended Bird Blender accessories

Cat. no.	Description
00060	Hose, oxygen, high pressure, 15', male/female
03868	Hose, oxygen, high pressure, 3', male/female
02899	Hose, air, high pressure, 15', female both ends
03867	Hose, air, high pressure, 3', female both ends
04322	Bracket, pole mount
05141	Bracket, wall mount
05213	Bracket, wall mount, female
09440	Bracket, rail mount
09437	Bracket, rail mount
2688-332	Adapter, 90° elbow
05473	Adapter, DISS air/oxygen
07426	Air inlet filter/water trap
09220	Flowmeter, oxygen (0 to 15 LPM) includes wingnut

04322 Pole mount bracket



05141 Wall mount bracket



09437 Rail mount bracket



09440 Rail mount bracket



 **WARNING**—U.S. Federal Law restricts this device to sale by or on the order of a physician.

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