



Air / Oxygen Blender

The ability to provide mixed air and oxygen in a safe, easy and controlled manner in the critical care environment is becoming increasingly important. Air / Oxygen blenders offer a simple, reliable and accurate method of delivering mixed gas to the patient.



In order to offer maximum flexibility, blenders can be specified for either mounting on a pole or rail, with or without gas hoses, with a variety of flow meters.

Other blenders are available upon request, including MRI compatible models and various different flows and configurations.

Blenders can be used to supply mixed gas to infant resuscitators, such as the Tom Thumb infant resuscitation unit.

Air / Oxygen Blender

Technical Specification

Accuracy: ± 3% of Full Scale
Supply Pressure: 30 - 75 psi
FiO₂: 21 - 100%

Model **Flow Outputs**

BM2003 (Low Flow): Outlet A: n/a
 Outlet B: 3 – 30 lpm, no bleed
 Outlet C: 0 – 30 lpm, 3 lpm bleed

BM2004 (High Flow): Outlet A: 15 – 120 lpm, no bleed
 Outlet B: 15 – 120 lpm, no bleed
 Outlet C: 2 – 108 lpm (10 – 12 lpm bleed)

Weights and Dimensions

Size: 8.9 cm x 8.6 cm x 9.2 cm
Weight: 1.25 kg

Part Number	Model	Description
Blenders		
0310201	BM2003i	IHC Low Flow Air/Oxygen Blender only (0 - 30 lpm)
0310200	BM2003AR	IHC Low Flow Air/Oxygen Blender (0 - 30 lpm) Includes: 0320210 0 - 15 lpm Flowmeter, 0320220 Flowmeter Tapered Outlet Connector 0320216 3.0 m NIST Oxygen Hose with MkIV Probe, 0320217 3.0 m NIST Air Hose with MkIV Probe 0320214 Blender Rail Mount Bracket
0310207	BM2003A	IHC Low Flow Air/Oxygen Blender (0 - 30 lpm) Includes: 0320210 0 - 15 lpm Flowmeter, 0320220 Flowmeter Tapered Outlet Connector, 0320216 3.0 m NIST Oxygen Hose with MkIV Probe, 0320217 3.0 m NIST Air Hose with MkIV Probe 0320213 Blender Pole Mount Bracket
0310206	BM2004i	IHC High Flow Air/Oxygen Blender only (0 - 120 lpm)
0310204	BM2004A	IHC High Flow Air/Oxygen Blender (0 - 120 lpm) Includes: 0320211 0 - 70 lpm Flowmeter, 0320220 Flowmeter Tapered Outlet Connector 0320216 3.0 m NIST Oxygen Hose with MkIV Probe, 0320217 3.0 m NIST Air Hose with MkIV Probe 0320213 Blender Pole Mount Bracket
0310205	BM2004AR	IHC High Flow Air/Oxygen Blender (0 - 120 lpm) Includes: 0320211 0 - 70 lpm Flowmeter, 0320220 Flowmeter Tapered Outlet Connector 0320216 3.0 m NIST Oxygen Hose with MkIV Probe, 0320217 3.0 m NIST Air Hose with MkIV Probe 0320214 Blender Rail Mount Bracket
Accessories		
0320210	ZZ20004	0 - 15 lpm Flowmeter
0320211	ZZ20007	0 - 70 lpm Flowmeter
0320220	ZZ20060	Flowmeter Tapered Outlet Connector
0332010	IHCBPLUG	IHC Blender Port Blanking Cap
0320213	IHCBMP1	IHC Blender Pole Mount Bracket
0320214	IHCRMB1	IHC Blender Rail Mount Bracket
0332021	ZZ20016	NIST Oxygen Hose with MkIV Oxygen Probe. Hose length: 1.5 m
0332023	ZZ20018	NIST Oxygen Hose with MkIV Oxygen Probe. Hose length: 2.0 m
0320216	ZZ20014	NIST Oxygen Hose with MkIV Oxygen Probe. Hose length: 3.0 m
0332025	ZZ20020	NIST Oxygen Hose with MkIV Oxygen Probe. Hose length: 6.0 m
0332020	ZZ20026	NIST Air Hose with MkIV Air Probe. Hose length: 1.5 m
0332022	ZZ20028	NIST Air Hose with MkIV Air Probe. Hose length: 2.0 m
0320217	ZZ20024	NIST Air Hose with MkIV Air Probe. Hose length: 3.0 m
0332024	ZZ20030	NIST Air Hose with MkIV Air Probe. Hose length: 6.0 m

Specification subject to change



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