

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%

Flow Outputs

Model
IHC2003 (Low Flow): Outlet A: n / a

Outlet B: 3 – 30 L/min, no bleed
Outlet C: 0 – 30 L/min, 3 L/min bleed

IHC2004 (High Flow): Outlet A: 15 – 120 L/min, no bleed
Outlet B: 15 – 120 L/min, no bleed
Outlet C: 2 – 108 L/min (10 – 12 L/min bleed)

Weights and dimensions

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

Ordering Information

Part Number	Model	Description
Blenders		
0310201	IHC2003	Low flow air/oxygen blender only
0310200	IHC2003A	Low flow air/oxygen blender complete with flowmeter, 3 m air and 3 m oxygen hose (specify fittings) and mounting bracket (specify type at time of ordering)
0310206		
0310205	IHC2004	High flow air/oxygen blender only
	IHC2004A	High flow air/oxygen blender complete with flowmeter, 3 m air and 3 m oxygen hose (specify fittings) and mounting bracket (specify type at time of ordering)
Accessories		
0320210	IHC015L	Flowmeter, 0 – 15 L/min
0320211	IHC070L	Flowmeter, 0 – 70 L/min
0320212	IHCPC1	Pole Clamp
0320213	IHCMB1	Pole Mount Bracket
0320214	IHCMB1	Rail Mount Bracket
0320215	IHCMB1	Blender Bracket
0320216	OXAH010	NIST Hose with MKIV Oxygen probe, 3 m
0320217	OXAH013	NIST Hose with MKIV Air probe, 3 m
0320218	VRES8LPM	Flowmeter Restrictor, 8 L/min
0320219	VRES40LPM	Flowmeter Restrictor, 40 L/min



High flow blender on pole mount.



Low flow blender on rail mount, supplying a Tom Thumb TT480 infant resuscitator. Tom Thumb shown is model TT480 without flowmeter, other models of Tom Thumb require modification for use with blenders. Contact Viamed for further information.

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