

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
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 and a mounting bracket (specify type of bracket at time of ordering)
0310206	IHC2004	High flow air/oxygen blender only
0310205	IHC2004A	High flow air/oxygen blender complete with flowmeter, 3 m air and 3 m oxygen hose and a mounting bracket (specify type of bracket at time of ordering)
Accessories		
0320210	IHC015L	Flowmeter, 0 – 15 L/min
0320211	IHC070L	Flowmeter, 0 – 70 L/min
0320212	IHCPC1	Pole Clamp
0320213	IHCPCB1	Pole Mount Bracket
0320214	IHCRCB1	Rail Mount Bracket
0320215	IHCBM1	Blender Bracket
0320216	OXAHO10	NIST Hose with MKIV Oxygen probe, 3 m
0320217	OXAHO13	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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Distributed by:



Viamed Limited • 15 Station Road • Cross Hills
Keighley • West Yorkshire • BD20 7DT • United Kingdom
Tel: +44 (0)1535 634542/636757 Fax: +44 (0)1535 635582
Email: info@viamed.co.uk Website: www.viamed-online.com



FS 28344 MD 78787

BS EN ISO 9001-2000
ISO 13485-2003