

infant resuscitation



MicroMax Low Flow Air/Oxygen Blender



The **MicroMax** features delivery of accurate FiO_2 mixtures from two outlet ports and has an overall flow range 3-30 LPM (Low Flow).

Clinicians have the option to turn the bleed control to ON or OFF which provides a more quiet operation for NICU and PICU settings.

When equipped with the **Maxtec BlenderBuddy 2**, the **MicroMax** provides users with a mixing package complete with a blender, 2 flow meters and an oxygen analyzer (sold separately).



Primary Output Flowmeters

4

Flowmeters (DISS Inlet Fittings) - 4 bar (60 psi) Brass body	Part No. Right hand input*	Part No. for Straight Fitting (rear input)
0 - 1 lpm	5620089	5620091
0 - 15 lpm	5620080	5620082
0 - 70 lpm	5620210	5620212

* include 90 degree elbow

Selecting your Low Flow Blender configuration

Configure the blender to suit your requirements.

1. Select blender, with either stand single primary outlet or four primary outlets.
2. Mounting bracket type.
3. Hose - fitting connection type and hose length.
4. Primary output flowmeter gas flow range.
5. If required - auxiliary output flowmeter gas flow range.
6. Flowmeter connector options.



6 Flowmeter accessories

5620071	5620076	5620077
Sensor Tee Easily connects any oxygen sensor to any flowmeter	Flowmeter Oxygen Hex Nut Connector	Flowmeter Oxygen Knurled Nut Connector
5620075	5620078	5620079

1

Blender

Maxtec MicroMax Low Flow Air/Oxygen Blender - NIST Inlet
1 x DISS Primary Outlet
1 x DISS Auxiliary Outlet

5610151

2

Mounts

Primary
Output
(DISS)
3 - 30 lpm

Easy activation of
bleed for flows < 3 lpm

Auxiliary
Output (DISS)
0 - 30 lpm
with bleed activated
(bleed valve open)
3 - 30 lpm with
bleed not activated
(bleed valve closed)

Gas Inputs
(NIST)

Also available
with DISS inputs

Oxygen
(White)

Air
(Black or Black with
White Stripe)



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Wall Mount



Compact Wall Mount



Rail / Pole Mount



Adjustable Pole Mount

5

Auxiliary Output Flowmeters

(if required)

Flowmeters (DISS Inlet Fittings) - 4 bar (60 psi) Brass Body	Part No. Left Hand Input Version*	Part No. for Straight Fitting (rear input)
0 - 1 lpm	5620089	5620091
0 - 15 lpm	5620080	5620082
0 - 70 lpm	5620210	5620212

* include 90 degree elbow



3

Hoses

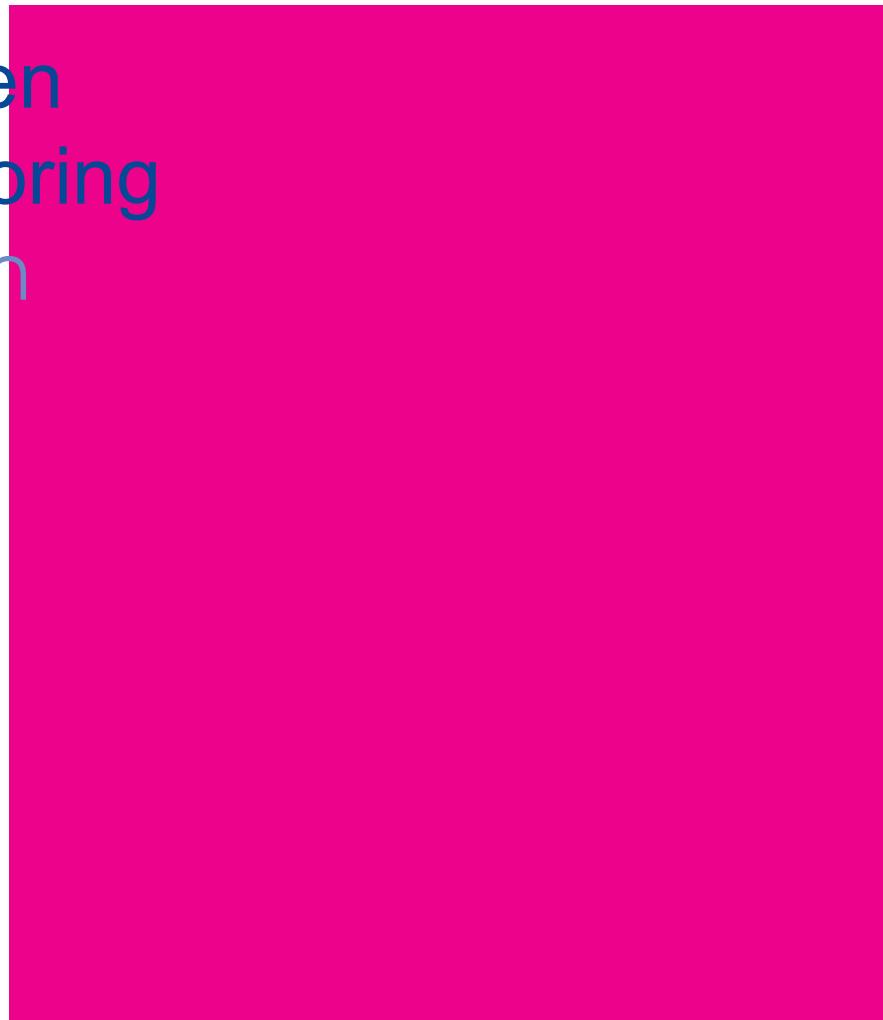


Outlet Fitting (at Blender)	Inlet Fitting (at wall)	Gas	2 metre conductive hose to Blender	3 metre conductive hose to Blender	Colour
NIST	BS	O ₂	5620140	5620143	White
		Air	5620141	5620144	Black with White Stripe
NIST	DIN	O ₂	5620120	5620123	White
		Air	5620121	5620124	Black with White Stripe
NIST	AFNOR	O ₂	5620130	5620132	White
		Air	5620131	5620133	Black with White Stripe
NIST	AGA	O ₂	5620150	5620153	White
		Air	5620151	5620154	Black with White Stripe
			5620152	5620155	Black



Other configurations of connectors, length and hose colour available upon request

Oxygen Monitoring Option



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BlenderBuddy 2
DFB, Low Flow 0 - 15 lpm

0310216



BlenderBuddy 2 with MaxO₂+A Oxygen Analyser
DFB, Low Flow 0 - 15 lpm

5610000



BlenderBuddy 2 with MaxO₂+A Oxygen Analyser
DFB, Low Flow 0 - 15 lpm

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BlenderBuddy 2
DFB, Low Flow 0 - 15 lpm

Part Number	5610151
MicroMax Low Flow Air/Oxygen Blender - NIST Inlets	
1 x DISS Primary Outlet	
1 x DISS Auxiliary Outlet	
Dimensions (without fittings)	12.5 cm (D) x 5.7 cm (W) x 10.4 cm (H)
Weight	1.3 kg
Operating Temperature	15°C to 40°C (59°F to 104°F)
FiO₂ Accuracy	± 3% of full scale
Bypass Alarm Activation	1.2 - 1.5 bar (18 - 22 psi)
Primary Outlet Flow Range	3 - 30 lpm
Auxiliary Outlet Flow Range	0 - 30 lpm
Bleed Flow at 50 psi (3.4 bar)	3 lpm or less
Maximum Combined Flow (all outlets)	≥ 30 lpm
No. of Primary Outlet Ports	1 DISS
No. of Auxiliary Outlet Ports	1 DISS
Standards Applied	EN 1041:2008, EN ISO 14971:2012, ISO 11195:1995 EN ISO 15001:2011, EN ISO 13485:2012, ISO 152231:2012
CE Approval	CE0123

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