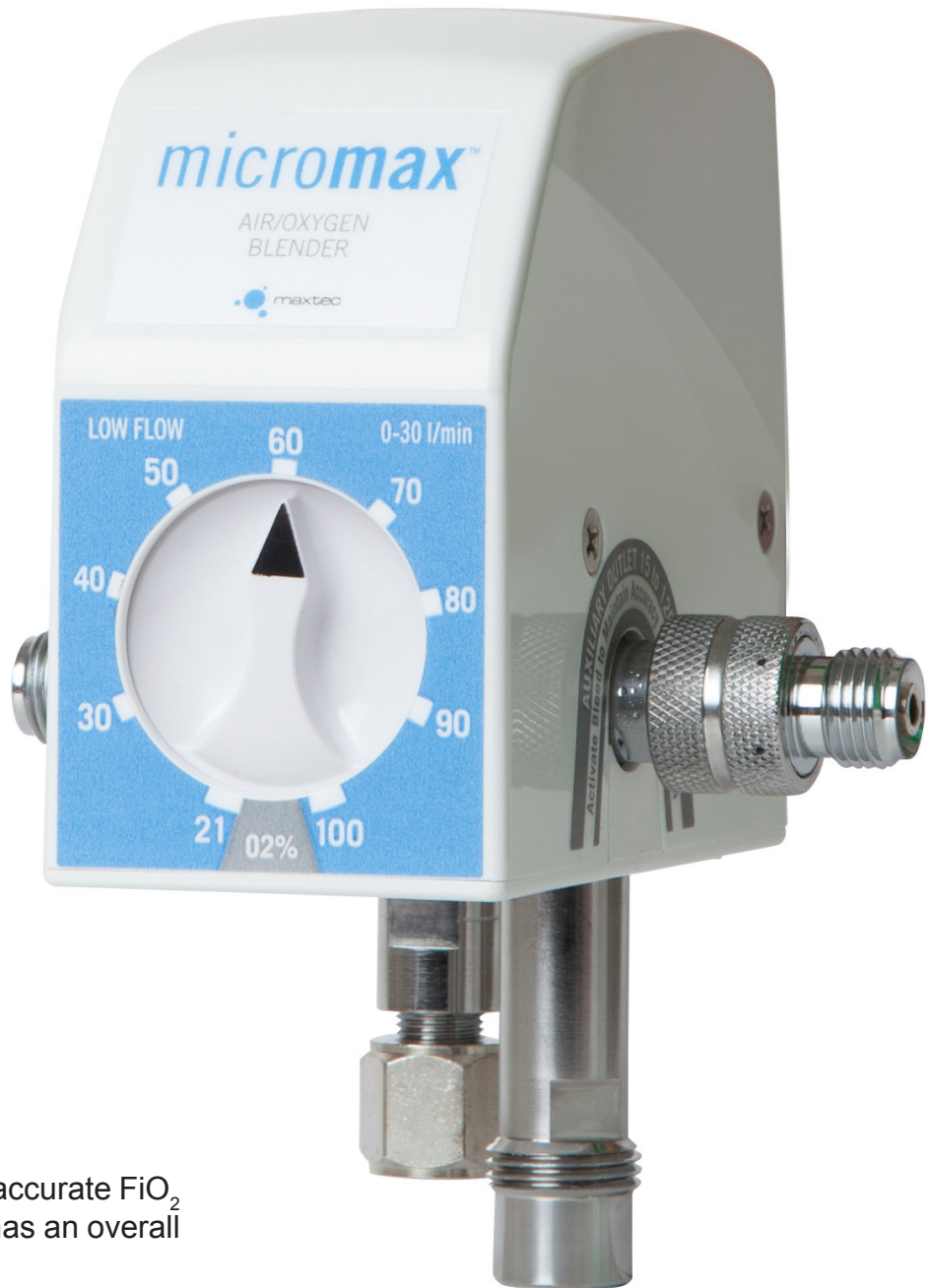




## MicroMax Low Flow Air/Oxygen Blender



The **MicroMax** features delivery of accurate  $\text{FiO}_2$  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).

# 4

## Primary Output Flowmeters

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

 <p><b>5620071</b></p> <p><b>Sensor Tee</b> Easily connects any oxygen sensor to any flowmeter</p>	 <p><b>5620076</b></p> <p><b>Flowmeter Oxygen Hex Nut Connector</b></p>	 <p><b>5620077</b></p> <p><b>Flowmeter Oxygen Knurled Nut Connector</b></p>
 <p><b>5620075</b></p> <p><b>Single Use Flowmeter Oxygen Connector</b></p>	 <p><b>5620078</b></p> <p><b>Flowmeter Oxygen Hex Nut Connector with chain</b></p>	 <p><b>5620079</b></p> <p><b>Flowmeter Oxygen Knurled Nut Connector with chain</b></p>

**1**

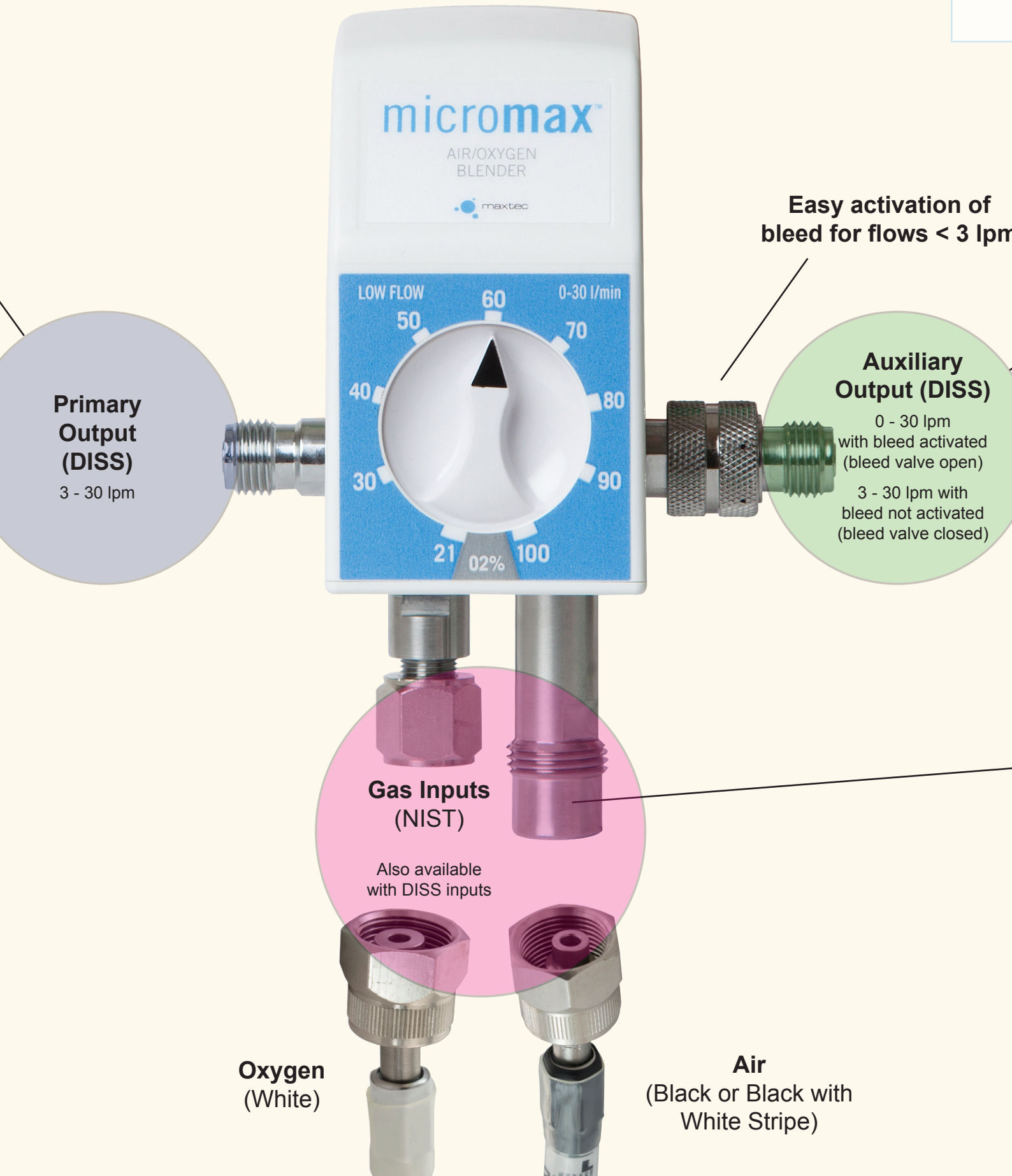
# Blender

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

5610151

**2**

# Mounts





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

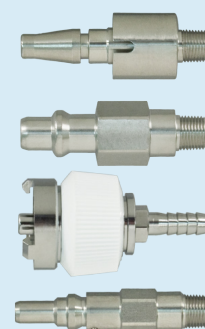


3

## 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 <sub>2</sub>	5620140	5620143	White
		Air	5620141	5620144	Black with White Stripe
			5620142	5620145	Black
NIST	DIN	O <sub>2</sub>	5620120	5620123	White
		Air	5620121	5620124	Black with White Stripe
			5620122	5620125	Black
NIST	AFNOR	O <sub>2</sub>	5620130	5620132	White
		Air	5620131	5620133	Black with White Stripe
			5620134	5620135	Black
NIST	AGA	O <sub>2</sub>	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



0310211

BlenderBuddy 2  
DFB, Low Flow 0 - 15 lpm



0310216

BlenderBuddy 2 with MaxO<sub>2</sub>+A Oxygen Analyser  
DFB, Low Flow 0 - 15 lpm



5610000

BlenderBuddy 2 with MaxO<sub>2</sub>+A Oxygen Analyser  
DFB, Low Flow 0 - 15 lpm



0310211

BlenderBuddy 2  
DFB, Low Flow 0 - 15 lpm

**Part Number**

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

5610151

<b>Dimensions</b> (without fittings)	12.5 cm (D) x 5.7 cm (W) x 10.4 cm (H)
<b>Weight</b>	1.3 kg
<b>Operating Temperature</b>	15°C to 40°C (59°F to 104°F)
<b>FiO<sub>2</sub> Accuracy</b>	± 3% of full scale
<b>Bypass Alarm Activation</b>	1.2 - 1.5 bar (18 - 22 psi)
<b>Primary Outlet Flow Range</b>	3 - 30 lpm
<b>Auxiliary Outlet Flow Range</b>	0 - 30 lpm
<b>Bleed Flow</b> at 50 psi (3.4 bar)	3 lpm or less
<b>Maximum Combined Flow</b> (all outlets)	≥ 30 lpm
<b>No. of Primary Outlet Ports</b>	1 DISS
<b>No. of Auxiliary Outlet Ports</b>	1 DISS
<b>Standards Applied</b>	EN 1041:2008, EN ISO 14971:2012, ISO 11195:1995 EN ISO 15001:2011, EN ISO 13485:2012, ISO 152231:2012
<b>CE Approval</b>	CE0123

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