



**PRECISION MEDICAL®**

## PM5300 Series Low Flow Air/Oxygen Blenders

### It's Unique

It is the only blender available that allows the clinician to turn the bleed control ON or OFF providing quieter operation. This feature is especially useful in the Neonatal and Paediatric Intensive Care settings.

### It's Durable

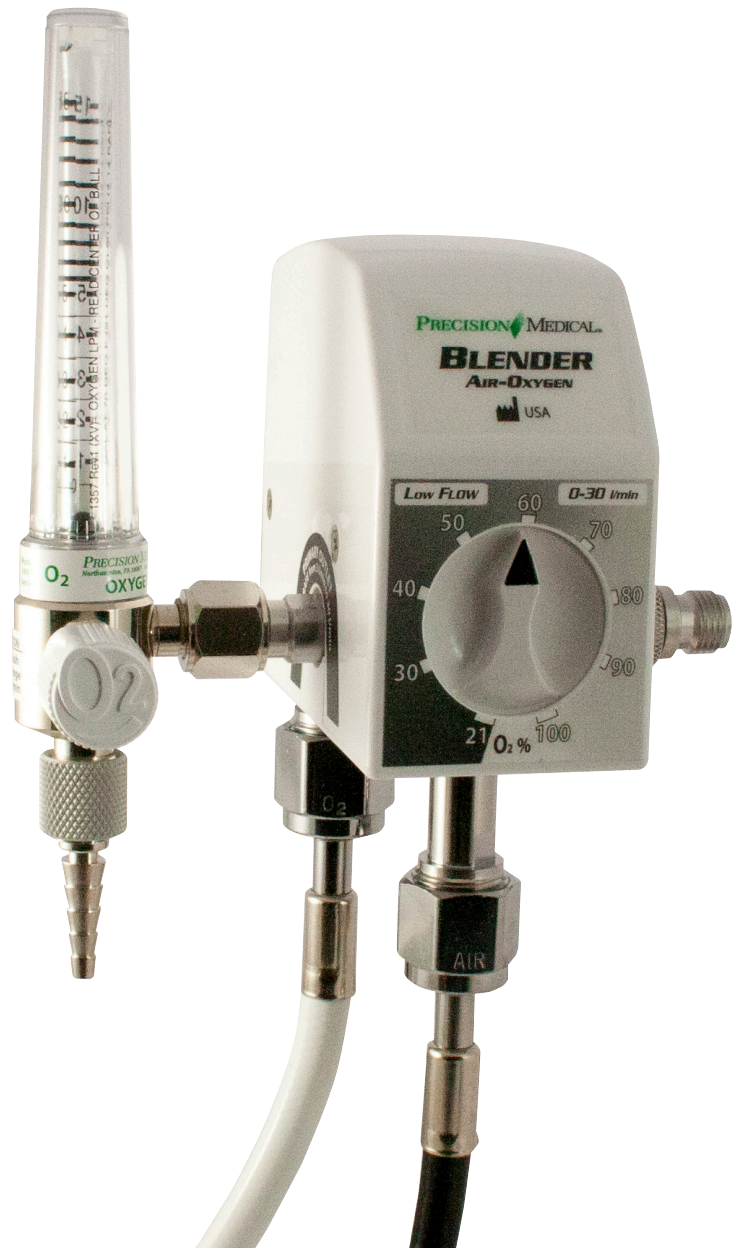
The tough ABS housing provides unmatched durability. The setting knob is recessed to prevent accidental damage.

### It's Versatile

The Blender is easily mounted with a universal mounting bracket. It can be detached from the mounting bracket without removing the hoses.

### It's Modular

The unique modular design can cut routine maintenance time in half as well as reduce maintenance costs.



### It's User Friendly

A large selection control knob makes oxygen percentage adjustments easy. The infection control friendly housing is smooth and easy to clean.

### It's a High Performance Unit

The highly accurate unit maintains  $\text{FiO}_2\%$  even at low flows. It is economical and provides costs savings with less waste. All models comply with EN10524-1.

# 4

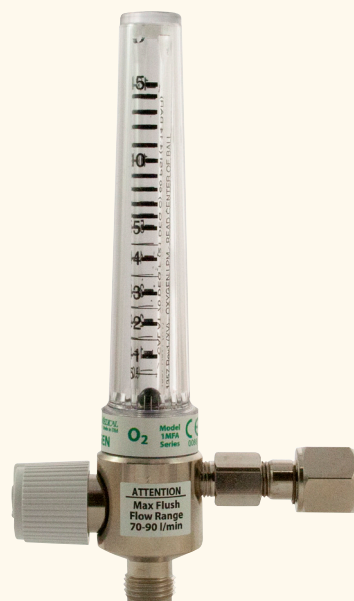
## Primary Output Flowmeters

Flowmeters (DISS Inlet Fittings) - 4 bar (60 psi) Brass body	Part No. Right hand input	Part No. for Straight Fitting (rear input)
0 - 5 lpm	5620096	5620097
0 - 15 lpm	5620081	5620082
2 - 26 lpm	5620201	5620202
0 - 70 lpm	5620211	5620212

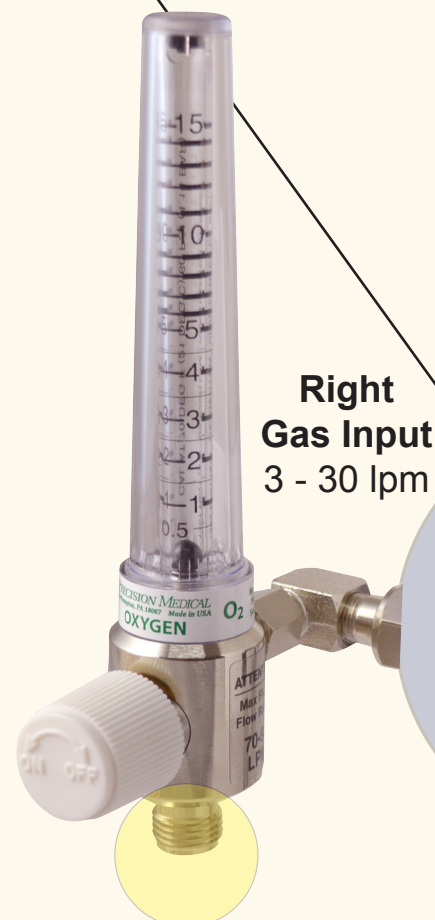
### Selecting your Low Flow Blender configuration

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.









Straight fitting  
(rear input)



Right  
Gas Input  
3 - 30 lpm

## 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

PM5300NISTAP Low Flow Air/Oxygen Blender - NIST Inlets  
1 x DISS Primary Outlet  
1 x DISS Auxiliary Outlet

5620051

PM5300MNIST Low Flow Air/Oxygen Blender - NIST Inlets  
4 x DISS Primary Outlets  
1 x DISS Auxiliary Outlet

5620053

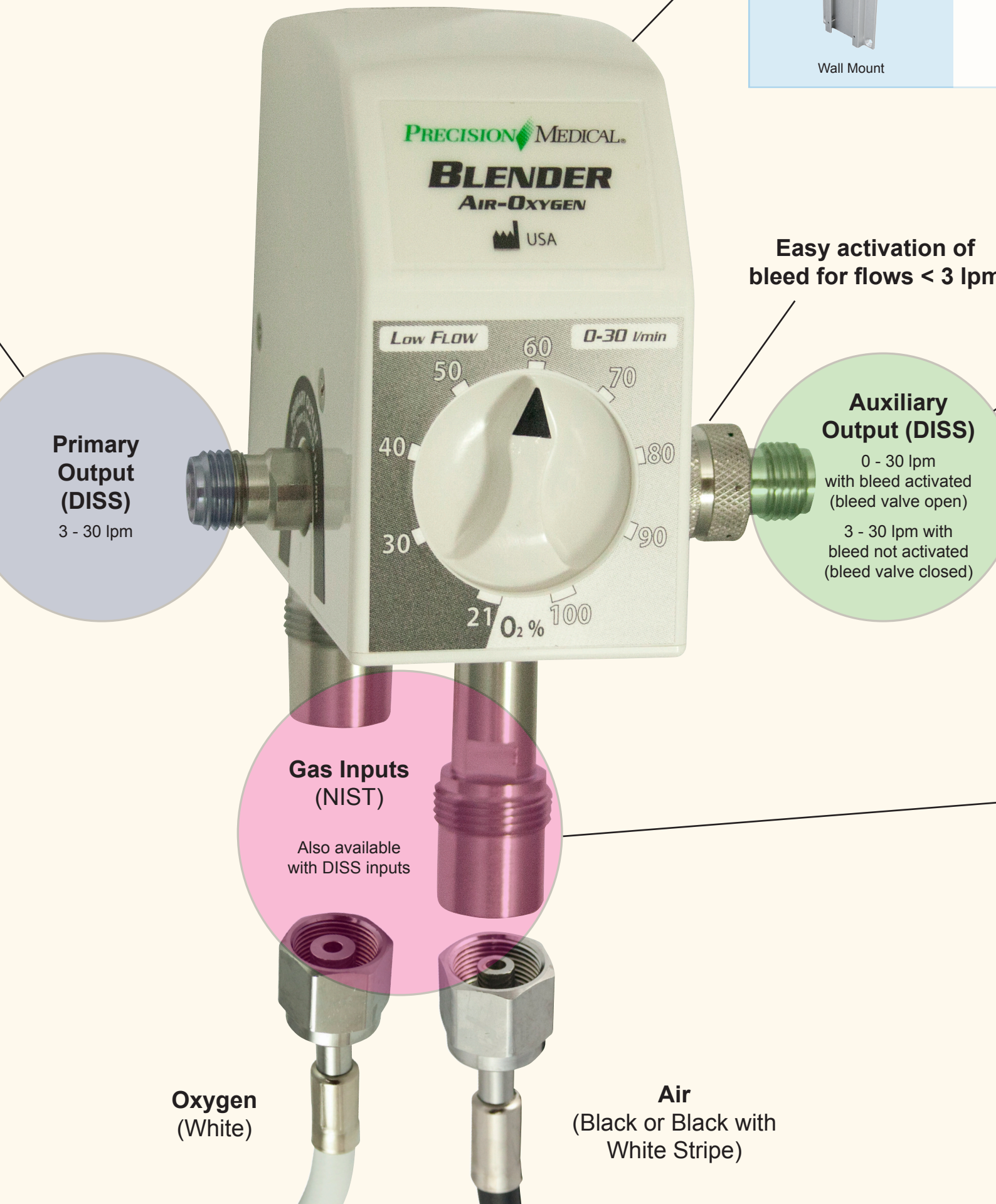
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# Mounts

5620051



Wall Mount



## 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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## 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 - 200 cc	5620086	5620088
0 - 1 lpm	5620089	5620091
0 - 3 lpm	5620092	5620094
0 - 5 lpm	5620095	5620097
0 - 15 lpm	5620080	5620082
2 - 26 lpm	5620200	5620202
0 - 70 lpm	5620210	5620212

Also available, flowmeters for other applications

Left Hand  
Input



Straight  
fitting  
(rear input)

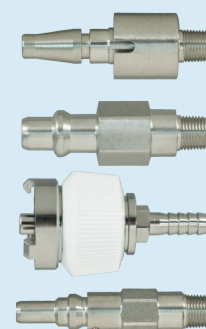


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## Hoses



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



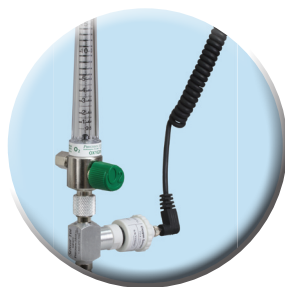
**SensO2 Oxygen Sensor Supply**  
Specifically designed for Precision Blenders,  
attaches to the left Primary outlet



**PM5900 Oxygen Monitor**  
State-of-the-art accurate and durable oxygen monitor



**Sensor Tee**  
Easily connects any oxygen sensor to any flowmeter



**Monitor Mounting Bracket**  
Durable, lightweight bracket for greater usability



**Part Number**

PM5300NISTAP Low Flow Air/Oxygen Blender - NIST Inlets  
 1 x DISS Primary Outlet  
 1 x DISS Auxiliary Outlet

5610051

<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>	CE0473
<b>Other Configuration Available</b>	
PM5300MNIST Low Flow Air/Oxygen Blender - NIST Inlets 4 x DISS Primary Outlet 1 x DISS Auxiliary Outlet	5610053



5610051 PM5300NISTAP



5610053 PM5300MNIST

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