

# infant resuscitation



**PRECISION MEDICAL®**

## PM5300 Low Flow Air/Oxygen Blender



### **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.



# PM5300 Low Flow Air/Oxygen Blender

<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 at 50 psi (3.4 bar)</b>	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

## Part Numbers

PM5300EN Low Flow Air/Oxygen Blender - DISS Inlets 5610050  
 1 x DISS Primary Outlet  
 1 x DISS Auxiliary Outlet

PM5300NISTAP Low Flow Air/Oxygen Blender - NIST Inlets 5610051  
 1 x DISS Primary Outlet  
 1 x DISS Auxiliary Outlet



PM5300 Low Flow Blender with DISS Inlets



Blender Wall Mount



Blender Pole Mount



Blender DIN Rail Clamp



Flowmeters (DISS Inlet Fittings) - 4 bar (60 psi)	Part No. Left Side Version	Part No. Right Side Version	Part No. for Straight Fitting
0 - 200 cc with DISS inlet	5620086	5620087	5620088
0 - 1 lpm with DISS inlet	5620089	5620090	5620091
0 - 3 lpm with DISS inlet	5620092	5620093	5620094
0 - 5 lpm with DISS inlet	5620095	5620096	5620097
0 - 15 lpm with DISS inlet, Brass body	5620080	5620081	5620082
0 - 15 lpm with DISS inlet, Aluminium body	5620083	5620084	5620085

Flowmeters for other applications also available



Outlet Fitting (at Blender)	Inlet Fitting (at wall)	Gas	2 metre conductive hose to Blender	Colour
DISS	DISS	O <sub>2</sub>	5620100	Green
		Air	5620101	Yellow
NIST	NIST	O <sub>2</sub>	5620110	White
		Air	5620111	Black with White Stripe
NIST	DIN	O <sub>2</sub>	5620120	White
		Air	5620121	Black with White Stripe

Other configurations, custom assemblies and sizes available upon request



PM5300 Low Flow Blender with NIST Inlets

CE 0473

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