

Accessories

PRECISION MEDICAL®

HELI O₂ HELIUM OXYGEN BLENDER

<p>Pole Assembly</p>  <p>Ordering Information: 506220 Pole Assembly</p>	<p>Oxygen Monitor</p>  <p>PM5900</p> <p>Ordering Information: PM5900 Oxygen Monitor</p>	<p>Pole Mounts</p>  <p>504778 505013</p> <p>Ordering Information: 504778 Blender Pole Mount 505013 Oxygen Monitor Pole Mount</p>																			
<p>Flowmeters</p>  <p>Ordering Information:</p> <table border="1"> <thead> <tr> <th></th> <th>Part Number</th> </tr> </thead> <tbody> <tr> <td>0-5 lpm</td> <td>1MFA3502</td> </tr> <tr> <td>0-15 lpm</td> <td>1MFA1002</td> </tr> <tr> <td>0-15 lpm</td> <td>8MFA1002</td> </tr> <tr> <td>0-70 lpm</td> <td>1MFA8002</td> </tr> </tbody> </table> <p>For left or right elbow add -L or -R to the end of the Part number.</p>		Part Number	0-5 lpm	1MFA3502	0-15 lpm	1MFA1002	0-15 lpm	8MFA1002	0-70 lpm	1MFA8002	<p>Heliox Regulator</p>  <p>Ordering Information: 506349 Heliox Regulator</p>	<p>Wall Mount</p>  <p>Ordering Information: 504776 Wall Mount</p>									
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<p>Hose Assemblies</p> <p>Ordering Information:</p> <table border="1"> <thead> <tr> <th>Outlet Type</th> <th>Gas</th> <th>Conductive Hose Assembly to Blender</th> <th>Hose Length</th> </tr> </thead> <tbody> <tr> <td rowspan="2">DISS outlet</td> <td>O₂</td> <td>0118/6 ft/9120/0710</td> <td>6 ft</td> </tr> <tr> <td>Helium</td> <td>506248</td> <td>3 ft</td> </tr> <tr> <td>Ohmeda outlet</td> <td>O₂</td> <td>2111/6 ft/9120/0710</td> <td>6 ft</td> </tr> <tr> <td>Chemetron outlet</td> <td>O₂</td> <td>3111/6 ft/9120/0710</td> <td>6 ft</td> </tr> </tbody> </table> <p>Other outlet configurations and custom assembly sizes available upon request.</p>		Outlet Type	Gas	Conductive Hose Assembly to Blender	Hose Length	DISS outlet	O ₂	0118/6 ft/9120/0710	6 ft	Helium	506248	3 ft	Ohmeda outlet	O ₂	2111/6 ft/9120/0710	6 ft	Chemetron outlet	O ₂	3111/6 ft/9120/0710	6 ft	<p>Custom Assemblies Available</p> 
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A Unique, Modular Design

Made in



LOW FLOW HELIOX BLENDERS PM5400 Series Specifications



PM5470



PM5480

	PM5480	PM5470
F_{IO2} Range	20% - 100%	30% - 100%
Dimensions: (without fittings)	Depth: 4.92" (12.5 cm) Width: 2.25" (5.7 cm) Height: 4.10" (10.4 cm)	
Weight:	2.9 lbs (1.3 kg)	
Operating Temperature:	59°F to 104°F (15°C to 40°C)	
F_{IO2} Accuracy:	±3% of full scale	
Bypass Alarm Activation:	18-22 psi (1.2-1.5 bar)	
Primary Outlet Flow Range:	3-30 lpm	
Auxiliary Outlet Flow Range:	0-30 lpm	
Inlet Pressure Range:	30 - 75 psi (2.1 - 5.2 bar) Heliox and Oxygen within 10 psi (0.67 bar) of each other	
Inlet Fitting:	Female DISS or NIST	
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	
No. of Auxiliary Outlet Ports:	1	

It's Unique

It is the only free-standing pneumatic HeliO₂ blending device on the market today. The ability to turn the bleed control collar ON or OFF provides ± 3% F_{IO2} accuracy as well as quieter operation and maximal Heliox tank durations.

It's Durable and Modular

The tough ABS housing makes the unit durable and the selection control knob is recessed to prevent inadvertent changes in F_{IO2}. The modular design can reduce maintenance time and costs. The unit can be easily maintained by all biomed departments.

It's Versatile and User Friendly

The unit is available in 4 models, high flow 80/20 or 70/30 and low flow 80/20 or 70/30. When paired with the optional cylinder clamp and pole, clinician set up time is greatly reduced and tank changes are easy. Multiple accessories can conform to clinician and patient needs.



HIGH FLOW HELIOX BLENDERS PM5500 Series Specifications



PM5570



PM5580

	PM5580	PM5570
F_{IO2} Range	20% - 100%	30% - 100%
Dimensions: (without fittings)	Depth: 4.92" (12.5 cm) Width: 2.25" (5.7 cm) Height: 4.10" (10.4 cm)	
Weight:	2.9 lbs (1.3 kg)	
Operating Temperature:	59°F to 104°F (15°C to 40°C)	
F_{IO2} Accuracy:	±3% of full scale	
Bypass Alarm Activation:	13-25 psi (0.9-1.7 bar)	
Primary Outlet Flow Range:	15-120 lpm	
Auxiliary Outlet Flow Range:	2-100 lpm	
Inlet Pressure Range:	30 - 75 psi (2.1 - 5.2 bar) Heliox and Oxygen within 10 psi (0.67 bar) of each other	
Inlet Fitting:	Female DISS or NIST	
Bleed Flow: at 50 psi (3.4 bar)	13 lpm or less	
Maximum Combined Flow: (all outlets)	≥120 lpm	
No. of Primary Outlet Ports:	1	
No. of Auxiliary Outlet Ports:	1	

Oxygen Flowmeter Conversions

Oxygen flow-meter setting	Corrected Heliox Flow (LPM) at Various F _{IO2} Settings								
	20%	30%	40%	50%	60%	70%	80%	90%	100%
1	1.8	1.6	1.4	1.3	1.2	1.18	1.15	1.02	1.0
2	3.6	3.2	2.8	2.6	2.4	2.4	2.3	2.0	2.0
3	5.4	4.8	4.2	3.9	3.6	3.5	3.5	3.1	3.0
4	7.2	6.4	5.6	5.2	4.8	4.7	4.6	4.1	4.0
5	9.0	8.0	7.0	6.5	6.0	5.9	5.8	5.1	5.0
6	10.8	9.6	8.4	7.8	7.2	7.1	6.9	6.1	6.0
7	12.6	11.2	9.8	9.1	8.4	8.3	8.1	7.1	7.0
8	14.4	12.8	11.2	10.4	9.6	9.4	9.2	8.2	8.0
9	16.2	14.4	12.6	11.7	10.8	10.6	10.4	9.2	9.0
10	18.0	16.0	14.0	13.0	12.0	11.8	11.5	10.2	10.0
11	19.8	17.6	15.4	14.3	13.2	13.0	12.7	11.2	11.0
12	21.6	19.2	16.8	15.6	14.4	14.2	13.8	12.2	12.0
13	23.4	20.8	18.2	16.9	15.6	15.3	15.0	13.3	13.0
14	25.2	22.4	19.6	18.2	16.8	16.5	16.1	14.3	14.0
15	27.0	24.0	21.0	19.5	18.0	17.7	17.3	15.3	15.0
16	28.8	25.6	22.4	20.8	19.2	18.9	18.4	16.3	16.0
17	30.6	27.2	23.8	22.1	20.4	20.1	19.6	17.3	17.0
18	32.4	28.8	25.2	23.4	21.6	21.2	20.7	18.4	18.0
19	34.2	30.4	26.6	24.7	22.8	22.4	21.9	19.4	19.0
20	36.0	32.0	28.0	26.0	24.0	23.6	23.0	20.4	20.0

Oxygen flow-meter setting	Corrected Heliox Flow (LPM) at Various F _{IO2} Settings								
	20%	30%	40%	50%	60%	70%	80%	90%	100%
21	37.8	33.6	29.4	27.3	25.2	24.8	24.2	21.4	21.0
22	39.6	35.2	30.8	28.6	26.4	26.0	25.3	22.4	22.0
23	41.4	36.8	32.2	29.9	27.6	27.1	26.5	23.5	23.0
24	43.2	38.4	33.6	31.2	28.8	28.3	27.6	24.5	24.0
25	45.0	40.0	35.0	32.5	30.0	29.5	28.8	25.5	25.0
26	46.8	41.6	36.4	33.8	31.2	30.7	29.9	26.5	26.0
27	48.6	43.2	37.8	35.1	32.4	31.9	31.1	27.5	27.0
28	50.4	44.8	39.2	36.4	33.6	33.0	32.2	28.6	28.0
29	52.2	46.4	40.6	37.7	34.8	34.2	33.4	29.6	29.0
30	54.0	48.0	42.0	39.0	36.0	35.4	34.5	30.6	30.0
31	55.8	49.6	43.4	40.3	37.2	36.6	35.7	31.6	31.0
32	57.6	51.2	44.8	41.6	38.4	37.8	36.8	32.6	32.0
33	59.4	52.8	46.2	42.9	39.6	38.9	38.0	33.7	33.0
34	61.2	54.4	47.6	44.2	40.8	40.1	39.1	34.7	34.0
35	63.0	56.0	49.0	45.5	42.0	41.3	40.3	35.7	35.0
36	64.8	57.6	50.4	46.8	43.2	42.5	41.4	36.7	36.0
37	66.6	59.2	51.8	48.1	44.4	43.7	42.6	37.7	37.0
38	68.4	60.8	53.2	49.4	45.6	44.8	43.7	38.8	38.0
39	70.2	62.4	54.6	50.7	46.8	46.0	44.9	39.8	39.0
40	72.0	64.0	56.0	52.0	48.0	47.2	46.0	40.8	40.0