

PRECISION  *MEDICAL*®

BLENDER



*A Unique, Modular Design
Air-Oxygen Blender*



HIGH FLOW BLENDERS *PM5200 Series*

Specifications



PM5200EN



PM5200MEN

	PM5200EN	PM5200MEN	PM5200NIST
Dimensions: (without fittings)	Depth: 12.5 cm (4.92") Width: 5.7 cm (2.25") Height: 10.4 cm (4.10")	Depth: 12.5 cm (4.92") Width: 5.7 cm (2.25") Height: 10.4 cm (4.10")	Depth: 12.5 cm (4.92") Width: 5.7 cm (2.25") Height: 10.4 cm (4.10")
Weight:	1.3 kg (2.9 lbs)	1.5 kg (3.4 lbs)	1.3 kg (2.9 lbs)
Operating Temperature:	15°C to 40°C (59°F to 104°F)	15°C to 40°C (59°F to 104°F)	15°C to 40°C (59°F to 104°F)
FiO₂ Accuracy:	±3% of full scale	±3% of full scale	±3% of full scale
Bypass Alarm Activation:	0.9-1.7 bar (13-25 psi)	0.9-1.7 bar (13-25 psi)	0.9-1.7 bar (13-25 psi)
Primary Outlet Flow Range:	15-120 lpm	15-120 lpm	15-120 lpm
Auxiliary Outlet Flow Range:	2-100 lpm	2-100 lpm	2-100 lpm
Bleed Flow: at 50 psi (3.4 bar)	13 lpm or less	13 lpm or less	13 lpm or less
Maximum Combined Flow: (all outlets)	≥120 lpm	≥120 lpm	≥120 lpm
No. of Primary Outlet Ports:	1 DISS	5 DISS	Order separately
No. of Auxiliary Outlet Ports:	1 DISS	1 DISS	Order separately
Inlet Pressure:	2.1 - 5.2 bar (30 - 75 psi)	2.1 - 5.2 bar (30 - 75 psi)	2.1 - 5.2 bar (30 - 75 psi)
Inlet Fitting:	DISS	DISS	NIST



It's Unique

It is the only blender available that allows the clinician to turn the bleed control to ON or OFF providing quieter operation. This feature is especially useful in the Neonatal and Pediatric 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 unit is available in two models, high and low flow. The Blender is easily mounted with a universal mounting bracket. It can be detached from the mounting bracket without removing hoses.

Low Flow BLENDERS PM5300 Series



PM5300NIST



PM5300MEN

Specifications

	PM5300EN	PM5300MEN	PM5300NIST
Dimensions: (without fittings)	Depth: 12.5 cm (4.92") Width: 5.7 cm (2.25") Height: 10.4 cm (4.10")	Depth: 4.92" (12.5 cm) Width: 2.25" (5.7 cm) Height: 4.10" (10.4 cm)	Depth: 4.92" (12.5 cm) Width: 2.25" (5.7 cm) Height: 4.10" (10.4 cm)
Weight:	1.3 kg (2.9 lbs)	1.5 kg (3.4 lbs)	1.3 kg (2.9 lbs)
Operating Temperature:	15°C to 40°C (59°F to 104°F)	15°C to 40°C (59°F to 104°F)	15°C to 40°C (59°F to 104°F)
FiO₂ Accuracy:	±3% of full scale	±3% of full scale	±3% of full scale
Bypass Alarm Activation:	1.2-1.5 bar (18-22 psi)	1.2-1.5 bar (18-22 psi)	1.2-1.5 bar (18-22 psi)
Primary Outlet Flow Range:	3-30 lpm	3-30 lpm	3-30 lpm
Auxiliary Outlet Flow Range:	0-30 lpm	0-30 lpm	0-30 lpm
Bleed Flow: at 50 psi (3.4 bar)	3 lpm or less	3 lpm or less	3 lpm or less
Maximum Combined Flow: (all outlets)	≥30 lpm	≥30 lpm	≥30 lpm
No. of Primary Outlet Ports:	1 DISS	5 DISS	Order separately
No. of Auxiliary Outlet Ports:	1 DISS	1 DISS	Order separately
Inlet Pressure:	2.1 - 5.2 bar (30 - 75 psi)	2.1 - 5.2 bar (30 - 75 psi)	2.1 - 5.2 bar (30 - 75 psi)
Inlet Fitting:	DISS	DISS	NIST

NIST Model Outlet Fittings must be ordered separately or installed as needed.
Custom configurations available upon request.

It's Modular

The unique modular design reduces maintenance time in half as well as maintenance costs.

It's User Friendly

A large setting 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 FiO₂% even at low flows. It is economical and provides costs savings with less waste.

All models comply with EN10524-1.



Accessories

Condensation Trap



Ordering Information:
PM15-45 Condensation Trap
w/DISS Fitting

Wall Mount



Ordering Information:
504776 Wall Mount

DIN Rail Clamp



Ordering Information:
505976 DIN Rail Clamp

Pole Mount



Ordering Information:
504778 Pole Mount

Flowmeters (DISS Inlet Fittings) - 4 bar (60 psi)



Flowmeters	Part No. for left side	Part No. for right side	Part No. for Straight Fitting
0-200 cc with DISS inlet	6MFA1002AU-L	6MFA1002AU-R	6MFA1002AU
0-1 LPM with DISS inlet	4MFA1002AU-L	4MFA1002AU-R	4MFA1002AU
0-3 LPM with DISS inlet	1MFA3002AU-L	1MFA3002AU-R	1MFA3002AU
0-5 LPM with DISS inlet	1MFA3500AU-L	1MFA3500AU-R	1MFA3500AU
0-15 LPM with DISS inlet, brass body	1MFA1002AU-L	1MFA1002AU-R	1MFA1002AU
0-15 LPM with DISS inlet, Aluminum body	8MFA1002AU-L	8MFA1002AU-R	8MFA1002AU

Eliminators & Neb Blocks



Available upon request.

Outlet Fitting Kits Ordering Information

Part Number	Description
505500	Primary Outlet Fitting Kit, DISS with label for LOW FLOW Blender
505499	Auxiliary Outlet Fitting Kit, DISS with label for LOW FLOW Blender
505502	Primary Outlet Fitting Kit, DISS with label for HIGH FLOW Blender
505501	Auxiliary Outlet Fitting Kit, DISS with label for HIGH FLOW Blender

Hose Assemblies Ordering Information

Outlet Fitting (at Blender)	Inlet Fitting (at wall)	Gas	2 meter conductive hose to Blender	Color
DISS	DISS	O ₂	0710/6ft/9120/0118	Green
		Air	0218/ 6 ft /9121/0218	Yellow
NIST	NIST	O ₂	505780/6ft/9122/505774	White
		Air	505775/6ft/9126/505775	Black w/white strip
NIST	DIN	O ₂	505780/6ft/9122/505753	White
		Air	505775/6ft/9126/505761	Black w/white strip

Other configurations, custom assemblies and sizes available upon request.

Service Kit Ordering Information

Part Number	Description
504932	Service Kit, Low Flow, DISS
505407	Service Kit, High Flow, DISS
505535	Service Kit, Low Flow, NIST
505534	Service Kit, High Flow, NIST
504827	Service Manual