Vacuum Regulators

Precision Medical Continuous and Continuous & Intermittent Vacuum Regulators provide regulated, continuous and intermittent vacuum for tracheal and pharyngeal airway management, continuous negative pressure, chest drainage and surgical procedures. Pre-Set and Digital models are available.



Two Mode Continuous Model Series (3000, 3000HV, 3500)

The Two Mode Continuous Vacuum Regulator model series regulate vacuum at low, medium and high levels up to maximum vacuum with gauge increments up to 300 mmHg. The Two Mode High Vacuum regulates vacuum at low, medium and high levels up to maximum vacuum with gauge increments up to 300 mmHg.

PM3000

Three Mode Continuous Model Series (3100, 3100HV, 3600)

The Three Mode Continuous model series provides adjustable vacuum from zero to maximum vacuum. Each model includes a Max mode which provides instant, unrestricted full-line vacuum for emergencies. Gauge increment are available up to 760 mmHg.



PM3100



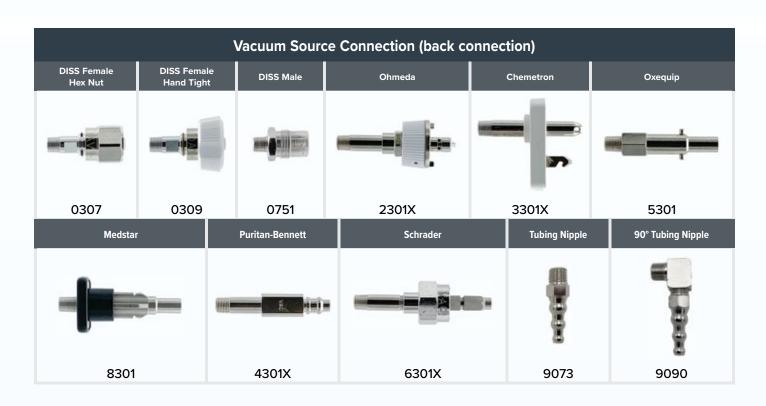
PM3300

Three Mode Continuous & Intermittent Model Series (3300, 3400)

The Three Mode Continuous & Intermittent model series provides reliable and accurate cycling of the regulator On and Off during the intermittent suctioning. The Three Mode Continuous & Intermittent series has a peak vacuum limit feature to prevent adjusting the vacuum too high. This series is ideal for sensitive applications where limiting Max vacuum is critically important. The intermittent timing cycle is factory set at 16 seconds on and 8 seconds off.

Available Fittings

Precision Medical offers a full line of medical fittings, quick connects and DISS fittings for all medical gases including Oxygen, Air, Vacuum, Nitrous Oxide, Nitrogen, Carbon Dioxide, and WAGD.



Patient Connection (bottom connection)									
Tubing Nipple DISS Male Ohmeda Style Trap Bottle Connection									
9073	0751	9091							

3000 Series continuous 2 mode

Ordering Information

Patient Connection

			Vacuum Source Connection										
			1/8" NPT Female	DISS Female Hex Nut	DISS Female Hand Tight	Ohmeda	Chemetron	Oxequip	Medstar	Puritan- Bennett	Schrader	Tubing Nipple	90° Tubing Nipple
	Tubing	PM Standard Series	PM3001	PM3002	PM3003	PM3004	PM3005	PM3006	PM3007	PM3008	PM3009	PM3010	PM3011
	Nipple	PS Preset Series	PS3001	PS3002	PS3003	PS3004	PS3005	PS3006	PS3007	PS3008	PS3009	PS3010	PS3011
	DICC Mala	PM Standard Series	PM3012	PM3013	PM3014	PM3015	PM3016	PM3017	PM3018	PM3019	PM3020	PM3021	PM3022
	DISS Male	PS Preset Series	PS3012	PS3013	PS3014	PS3015	PS3016	PS3017	PS3018	PS3019	PS3020	PS3021	PS3022
5	Ohmeda Style Trap	PM Standard Series	PM3023	PM3024	PM3025	PM3026	PM3027	PM3028	PM3029	PM3030	PM3031	PM3032	PM3033
,	Bottle Connection	PS Preset Series	PS3023	PS3024	PS3025	PS3026	PS3027	PS3028	PS3029	PS3030	PS3031	PS3032	PS3033
	1/8" NPT	PM Standard Series	PM3000	PM3046	PM3047	PM3048	PM3049	PM3050	PM3051	PM3052	PM3053	PM3054	PM3055
	Female	PS Preset Series	PS3000	PS3046	PS3047	PS3048	PS3049	PS3050	PS3051	PS3052	PS3053	PS3054	PS3055

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3012DHVT-DB

Option	Suffix				
Digital Mode	D				
High Range Vacuum Gauge (0-300 mmHg)	HV				
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	т				
	-DB (Dark Blue)				
	-Y (Yellow)				
	-MG (Mint Green)				
Label Color	-P (Purple)				
	-G (Gray)				
	-R (Red)				
	-LB (Light Blue)				

For MRI Conditional 3000 Series Vacuum Regulators, please contact Customer Service at 1-800-272-7285.

Features:

Color coded gauges

Modular components are attached to a cast metal back plate, simplifying service

Durable, break resistant case

Available in digital and analog gauges

Low to high vacuum rates Large, easy to grip knob

Product Specifications

Gauge Reading:

PM3000: 0-200 mmHg and "Max Vacuum" PM3000HV: 0-300 mmHg and "Max Vacuum"

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale, Analog Gauge: +/- 5% of Max

2 Modes: OFF / REG (Regulate)

Maximum Vacuum: REG Mode @ Full Vacuum –

396 mmHg

Weight: 1.1 lbs (0.48 kg)

Dimensions: L: 3.7 in (9.4 cm)

W: 2.8 in (7.1 cm) H: 5.2 in (13.2 cm)

Warranty

10-years



PM3000



PM3000HV



PM3000D



PS3000

3100 Series continuous 3 mode

Ordering Information

Patient Connection

Vacuum Source Connection

		1/8" NPT Female	DISS Female Hex Nut	DISS Female Hand Tight	Ohmeda	Chemetron	Oxequip	Medstar	Puritan- Bennett	Schrader	Tubing Nipple	90° Tubing Nipple
Tubing	PM Standard Series	PM3101	PM3102	PM3103	PM3104	PM3105	PM3106	PM3107	PM3108	PM3109	PM3110	PM3111
Nipple	PS Preset Series	PS3101	PS3102	PS3103	PS3104	PS3105	PS3106	PS3107	PS3108	PS3109	PS3110	PS3111
DICC Mala	PM Standard Series	PM3112	PM3113	PM3114	PM3115	PM3116	PM3117	PM3118	PM3119	PM3120	PM3121	PM3122
DISS Male	PS Preset Series	PS3112	PS3113	PS3114	PS3115	PS3116	PS3117	PS3118	PS3119	PS3120	PS3121	PS3122
Ohmeda Style Trap	PM Standard Series	PM3123	PM3124	PM3125	PM3126	PM3127	PM3128	PM3129	PM3130	PM3131	PM3132	PM3133
Bottle Connection	PS Preset Series	PS3123	PS3124	PS3125	PS3126	PS3127	PS3128	PS3129	PS3130	PS3131	PS3132	PS3133
1/8" NPT	PM Standard Series	PM3100	PM3146	PM3147	PM3148	PM3149	PM3150	PM3151	PM3152	PM3153	PM3154	PM3155
Female	PS Preset Series	PS3100	PS3146	PS3147	PS3148	PS3149	PS3150	PS3151	PS3152	PS3153	PS3154	PS3155

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3112DHVT-DB

Option	Suffix	
Digital Mode	D	
High Range Vacuum Gauge (0-300 mmHg)	HV	
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	т	
	-DB (Dark Blue)	
	-Y (Yellow)	
	-MG (Mint Green)	
Label Color	-P (Purple)	
	-G (Gray)	
	-R (Red)	
	-LB (Light Blue)	

For MRI Conditional 3100 Series Vacuum Regulators, please contact Customer Service at 1-800-272-7285.

*LINE - quick access to maximum wall vacuum

Features:

Color coded gauges

Modular components are attached to a cast metal back plate, simplifying service

Durable, break resistant case

Available in digital and analog gauges

Low to high vacuum rates

Large, easy to grip knob

Product Specifications

Gauge Reading:

PM3100: 0-200 mmHg and "Max Vacuum" PM3100HV: 0-300 mmHg and "Max Vacuum"

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale,

Analog Gauge: +/- 5% of Max

3 Modes:

LINE (Maximum Vacuum)* / OFF / REG (Regulate)

Maximum Vacuum: REG Mode @ Maximum Vacuum –

396 mmHg

Weight: 1.1 lbs (0.48 kg)

Dimensions: L: 3.7 in (9.4 cm)

W: 2.8 in (7.1 cm) H: 5.2 in (13.2 cm)

Warranty

10-years







PM3100

PM3100D

PM3100HV



PM3100DHV



PS3100

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3300 Series continuous & intermittent 3 mode

Ordering Information

				Vacuum Source Connection									
			1/8" NPT Female	DISS Female Hex Nut	DISS Female Hand Tight	Ohmeda	Chemetron	Oxequip	Medstar	Puritan- Bennett	Schrader	Tubing Nipple	90° Tubing Nipple
	Tubing	PM Standard Series	PM3301	PM3302	PM3303	PM3304	PM3305	PM3306	PM3307	PM3308	PM3309	PM3310	PM3311
	Nipple	PS Preset Series	PS3301	PS3302	PS3303	PS3304	PS3305	PS3306	PS3307	PS3308	PS3309	PS3310	PS3311
5	DICC Mala	PM Standard Series	PM3312	PM3313	PM3314	PM3315	PM3316	PM3317	PM3318	PM3319	PM3320	PM3321	PM3322
	DISS Male	PS Preset Series	PS3312	PS3313	PS3314	PS3315	PS3316	PS3317	PS3318	PS3319	PS3320	PS3321	PS3322
3	Ohmeda Style Trap	PM Standard Series	PM3323	PM3324	PM3325	PM3326	PM3327	PM3328	PM3329	PM3330	PM3331	PM3332	PM3333
Palle Falle	Bottle Connection	PS Preset Series	PS3323	PS3324	PS3325	PS3326	PS3327	PS3328	PS3329	PS3330	PS3331	PS3332	PS3333
	1/8" NPT	PM Standard Series	PM3300	PM3346	PM3347	PM3348	PM3349	PM3350	PM3351	PM3352	PM3353	PM3354	PM3355
	Female	PS Preset Series	PS3300	PS3346	PS3347	PS3348	PS3349	PS3350	PS3351	PS3352	PS3353	PS3354	PS3355

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3312DHVT-DB

Option	Suffix
Digital Mode	D
High Range Vacuum Gauge (0-300 mmHg)	HV
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	Т
	-DB (Dark Blue)
	-Y (Yellow)
	-MG (Mint Green)
Label Color	-P (Purple)
	-G (Gray)
	-R (Red)
	-LB (Light Blue)

Features:

Factory preset timing cycles set at 16 seconds On, 8 seconds Off

Fully adjustable, 2-to-1 ratio timing cycles

Modular components are attached to a cast metal back plate, simplifying service

Available in digital and analog gauges

Low to high vacuum rates

Large, easy to grip knobs

Product Specifications

Gauge Reading:

PM3300: 0-200 mmHg and "Max Vacuum" PM3300HV: 0-300 mmHg and "Max Vacuum"

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale, Analog Gauge: +/- 5% of Max

3 Modes: REG (Regulate) / OFF / INT (Intermittent Cycle)

Maximum Vacuum: REG Mode @ Maximum Vacuum -

396 mmHg

Weight: 1.2 lbs (0.56 kg)

Dimensions: L: 4.4 in (11.2 cm)

W: 2.8 in (7.1 cm) H: 5.3 in (13.4 cm)

Warranty

10-years







PM3300

PM3300D

PM3300HV







PS3300

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3600 Series continuous 3 mode

Ordering Information

Vacuum Source Connection

		1/8" NPT Female	DISS Female Hex Nut	DISS Female Hand Tight	Ohmeda	Chemetron	Oxequip	Medstar	Puritan- Bennett	Schrader	Tubing Nipple	90° Tubing Nipple
Tubing	PM Standard Series	PM3601	PM3602	PM3603	PM3604	PM3605	PM3606	PM3607	PM3608	PM3609	PM3610	PM3611
Nipple	PS Preset Series	PS3601	PS3602	PS3603	PS3604	PS3605	PS3606	PS3607	PS3608	PS3609	PS3610	PS3611
DICC Mala	PM Standard Series	PM3612	PM3613	PM3614	PM3615	PM3616	PM3617	PM3618	PM3619	PM3620	PM3621	PM3622
DISS Male	PS Preset Series	PS3612	PS3613	PS3614	PS3615	PS3616	PS3617	PS3618	PS3619	PS3620	PS3621	PS3622
Ohmeda Style Trap	PM Standard Series	PM3623	PM3624	PM3625	PM3626	PM3627	PM3628	PM3629	PM3630	PM3631	PM3632	PM3633
Bottle Connection	PS Preset Series	PS3623	PS3624	PS3625	PS3626	PS3627	PS3628	PS3629	PS3630	PS3631	PS3632	PS3633
1/8" NPT	PM Standard Series	PM3600	PM3646	PM3647	PM3648	PM3649	PM3650	PM3651	PM3652	PM3653	PM3654	PM3655
Female	PS Preset Series	PS3600	PS3646	PS3647	PS3648	PS3649	PS3650	PS3651	PS3652	PS3653	PS3654	PS3655

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3612DT-DB

Option	Suffix	
Digital Mode	D	
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	т	
	-DB (Dark Blue)	
	-Y (Yellow)	
	-MG (Mint Green)	
Label Color	-P (Purple)	
	-G (Gray)	
	-R (Red)	
	-LB (Light Blue)	

*LINE - quick access to maximum wall vacuum

Features:

Color coded gauges

Modular components are attached to a cast metal back plate, simplifying service

Durable, break resistant case

Available in digital and analog gauges

Low to high vacuum rates

Large, easy to grip knob

Product Specifications

Gauge Reading:

PM3600: 0-760 mmHg

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale,

Analog Gauge: +/- 5% of Max

3 Modes:

LINE (Maximum Vacuum)* / OFF / REG (Regulate)

Maximum Vacuum: REG mode to Maximum Vacuum

760 mmHg

Weight: 1.1 lbs (0.48 kg)

Dimensions: L: 3.7 in (9.4 cm)

W: 2.8 in (7.1 cm) H: 5.2 in (13.2 cm)

Warranty

10-years







PM3600D



PS3600

3400 Series continuous & intermittent 3 mode

Ordering Information

Vacuum Source Connection 90° Tubing Schrader PM Standard Series PM3401 PM3402 PM3403 PM3404 PM3405 PM3406 PM3407 PM3408 PM3409 PM3410 PM3411 PS Preset Series PS3401 PS3402 PS3403 PS3404 PS3405 PS3406 PS3407 PS3408 PS3409 PS3410 PS3411 **PM Standard Series** PM3412 PM3413 PM3414 PM3415 PM3416 PM3417 PM3418 PM3419 PM3420 PM3421 PM3422 DISS Mal PS3422 PS3412 PS3413 PS3414 PS3416 PS3419 PS3420 **PS Preset Series** PS3415 PS3417 PS3418 PS3421 **PM Standard Series** PM3423 PM3424 PM3425 PM3426 PM3427 PM3428 PM3429 PM3430 PM3431 PM3432 PM3433 PS Preset Series PS3423 PS3424 PS3425 PS3427 PS3430 PS3431 PS3433 PS3426 PS3428 PS3429 PS3432 PM3455 PM3400 PM3446 PM3447 PM3448 PM3449 PM3450 PM3451 PM3452 PM3453 PM3454 PM Standard Series PS3455 PS3400 PS3446 PS3447 PS3448 PS3449 PS3450 PS3451 PS3452 PS3453 PS3454

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3412DHVT-DB

Option	Suffix
Digital Mode	D
High Range Vacuum Gauge (0-300 mmHg)	HV
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	т
	-DB (Dark Blue)
	-Y (Yellow)
	-MG (Mint Green)
Label Color	-P (Purple)
	-G (Gray)
	-R (Red)
	-LB (Light Blue)

Features:

Low vacuum rates

Factory preset timing cycles set at 16 seconds On, 8 seconds Off

Fully adjustable, 2-to-1 ratio timing cycles

Modular components are attached to a cast metal back plate, simplifying service

Available in digital and analog gauges

Large, easy to grip knobs

Product Specifications

Gauge Reading:

PM3400: 0-150 mmHg

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale,

Analog Gauge: +/- 5% of Max

3 Modes: REG (Regulate) / OFF / INT (Intermittent Cycle)

Maximum Vacuum: Restricted to 170 mmHg (+/- 10 mmHg Max)

Weight: 1.1 lbs (0.56 kg)

Dimensions: L: 3.7 in (9.4 cm)

W: 2.8 in (7.1 cm) H: 5.2 in (13.2 cm)

Warranty

10-years





PM3400

PM3400D



PS3400

3500 Series continuous 2 mode

Ordering Information

Patient Connection

Vacuum Source Connection 90° Tubing Puritan-Schrader PM Standard Series PM3501 PM3502 PM3503 PM3504 PM3505 PM3506 PM3507 PM3508 PM3509 PM3510 PM3511 PS Preset Series PS3501 PS3502 PS3503 PS3504 PS3505 PS3506 PS3507 PS3508 PS3509 PS3510 PS3511 PM Standard Series PM3512 PM3513 PM3514 PM3515 PM3516 PM3518 PM3519 PM3520 PM3521 PM3522 PM3517 **DISS Male** PS Preset Series PS3512 PS3513 PS3515 PS3519 PS3522 PS3514 PS3516 PS3517 PS3518 PS3520 PS3521 PM3533 **PM Standard Series** PM3523 PM3524 PM3525 PM3526 PM3527 PM3528 PM3529 PM3530 PM3531 PM3532 PS Preset Series PS3523 PS3524 PS3525 PS3526 PS3527 PS3529 PS3530 PS3531 PS3532 PS3533 PS3528 PM3546 PM3549 PM3552 PM3554 PM3555 **PM Standard Series** PM3500 PM3547 PM3548 PM3550 PM3551 PM3553 1/8" NPT **PS Preset Series** PS3500 PS3546 PS3547 PS3548 PS3549 PS3550 PS3551 PS3552 PS3553 PS3554 PS3555

Configuration Options

To order the various options, add the suffixes below to the part numbers in the chart above.

Example: PM3512DT-DB

Option	Suffix
Digital Mode	D
VacTrap (DISS Male and Ohmeda Style Trap Bottle Connections Only)	Т
	-DB (Dark Blue)
	-Y (Yellow)
	-MG (Mint Green)
Label Color	-P (Purple)
	-G (Gray)
	-R (Red)
	-LB (Light Blue)

Features:

Low vacuum rates

Color coded gauges

Modular components are attached to a cast metal back plate, simplifying service

Durable, break resistant case

Available in digital and analog gauges

Large, easy to grip knob

Product Specifications

Gauge Reading:

PM3500: 0-150 mmHg

Gauge Accuracy:

Analog: +/- 5% of Max

Digital/Analog: Digital Display +/- 1% of Full Scale,

Analog Gauge: +/- 5% of Max

2 Modes: OFF / REG (Regulate)

Maximum Vacuum: Restricted to 170 mmHg

(+/- 10 mmHg Max)

Weight: 1.1 lbs (0.48 kg)

Dimensions: L: 3.7 in (9.4 cm)

W: 2.8 in (7.1 cm) H: 5.2 in (13.2 cm)

Warranty

10-years



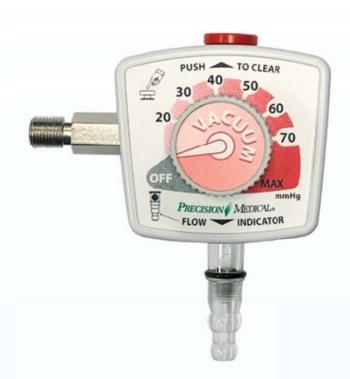






PS3500

Continuous Subglottic **Suction Regulator**



PM9101R

The Continuous Subglottic Suction Regulator is the only unit with the dual capacity of subglottic and continuous suction. This allows clinicians to meet VAP prevention guidelines.

Ordering Information

	Bottom Connection - Tubing Nipple
No Adaptor (1/8" NPT Female)	PM9101
DISS Female Hex Nut	PM9102
DISS Female Hand Tight	PM9103
Ohmeda	PM9104
Chemetron	PM9105
Oxequip	PM9106
Medstar	PM9107
Puritan-Bennett	PM9108
Street T	PM9109

Add "L" or "R" to the part numbers listed to the left for Left or Right Source Connection (as viewed from the front of the device).

Ex: PM9101L - the subglottic suction regulator will be on the left side of the vacuum regulator



Features

Flow indicator enables the clinician to rapidly assess the patency of the subglottic suction lumen

Outperforms traditional suction regulators at low suction pressures used for continuous subglottic suctioning

Fits into tight headwall systems

Easy to read dial and flow indicator

Can be attached offset left or offset right

Product Specifications

Scaled Suction Range: 20 - 70 mmHg (2.7 - 9.3 kPa)

Scale Accuracy: +/- 3 mmHg (0.4 kPa)

Maximum Regulator Vacuum Setting: 85 mmHg (11.3 kPa)

Flow:

37 l/min @ 20 inHg @ Max of 85 mmHg (54 I/min in "Push to Clear" mode)

Weight (without fittings): 0.4 lbs (0.2 kg)

Dimensions (without fittings): Length: 3.5 in (8.9 cm)

Width: 2.2 in (5.6 cm) **Height:** 3.7 in (9.5 cm)

Warranty

2-years

Vac Trap

Features

Shatter resistant bottle prevents accidental breakage

Lightweight nylon float and positive seals insure proper shut off preventing overflow

Designed for easy disassembly and cleaning

Product Specifications

Vacuum Range: 0-760 mmHg

Accuracy: +/- 1% over

Warranty

1-year

Ordering Information

PM9000: Base Model

PM9001: Ohmeda Style Trap **Bottle Connection**

PM9002: DISS Hex Nut

PM9003: DISS Hand Tight



The Vac Trap is designed to protect Precision Medical vacuum regulators and central vacuum systems from liquid contamination. The device automatically activates when a vacuum source is detected.

Digital VacCheck

PM9003

Product Specifications

Vacuum Range: 0-760 mmHg

Accuracy: +/- 1% over Connector: 1/4" hose barb

Battery: Lithium-ion (8-10 year life)

Length: 1.0 in (2.5 cm) Width: 1.6 in (4.1 cm) **Height:** 2.1 in (5.3 cm) Weight: 0.2 lbs (0.7 cm)

Warranty

1-year

Ordering Information

PM760: Digital VacCheck

The digital VacCheck is designed

to easily verify vacuum level

accuracy when required. The

compact device automatically

activates when a vacuum source

is detected. VacTrap applications

include checking the vacuum level of vacuum regulators and

hose connections attached to a wall outlet.



Vacuum Accessories

Suction Roll Stand

SCS2000

includes roll stand with 5 casters, canister bracket and pivot connection

Canisters

502519-10

800cc canister with lid (case of 10)

1906-12

1200cc canister with lid (case of 12)

502687-12

2000cc canister with lid (case of 12)

Tubing and Filters

1690

Hydrophobic Filter

1955

Patient Suction Tubing (6 ft.)

502012

Inline Filter & Tubing Assembly with elbow

502690

Inline Filter & Tubing Assembly

Bemis Rings

503491

Wire Bracket

504283

Wall Mount

504284

Plastic Bracket

Vacuum Regulator Repair Kit

RK6000

PM3000 Repair Kit

RK6100

PM3100 Repair Kit

RK6300

PM3300 Repair Kit

RK6400

PM3400 Repair Kit

RK6500

PM3500 Repair Kit

RK6600

PM3600 Repair Kit



