Vacuum Regulators and Accessories

Unique, Modular Design, Devices for Suction Needs
**Continuous**

PM3000, PM3100, PM3500 & PM3600

**Continuous-Intermittent**

PM3300 & PM3400

It’s *Field Serviceable*...
The unique modular design makes service a breeze for any biomed or central supply department. Continuous VacRegs are made up of six (6) easy-to-replace modular components. Continuous-Intermittent VacRegs are made up of eight (8) easy-to-replace modular components.

It’s *Durable*...
Unlike the plastic inlet and outlet connections on most competitor’s units, the cast metal backplate connections are extremely durable, saving down time and unnecessary repair costs.

It’s *Compact*...
As a result of its modular design, the unit is 25-50% smaller than other suction regulators making it the product of choice for crowded wall and rail areas.

It’s *Sturdy*...
The case is made of strong ABS plastic and houses the gauge for extra protection.

It’s *Infection Control Friendly*...
The smooth surface and rounded corners of the housing make cleaning and disinfection wipe down easier.

It’s *User-Friendly*...
The large control knob and easy-to-read settings make vacuum adjustments simple, even in emergency situations. The optional colors are convenient for product locations.

It’s *Safe*...
The **Pediatric** vacuum regulator is restricted to 170mmHg (±10mmHg) to prevent dangerous high vacuum situations. The gauge face is imprinted with the Precision Medical’s “Stork Symbol” to indentify the unit for pediatric applications.

It’s *Unique*...
A digital/analog gauge allows for the accuracy of digital and dependability of analog. Analog gauges on current models can be replaced with new digital/analog gauge.
Continuous Subglottic Suction Regulator
Model PM9100

It’s Innovative...
Only unit with the dual capacity of subglottic and continuous suction. This allows clinicians to meet VAP prevention guidelines.

It’s Unique...
Flow indicator enables the clinician to rapidly assess the patency of the subglottic suction lumen.

It’s Powerful...
Out performs traditional suction regulators at low vacuum levels when used for continuous subglottic suctioning.

It’s Compact...
Fits into tight headwall systems.

It’s User Friendly...
Easy to read dial & flow indicator.

PM9100 shown on Left side
Rear View showing connection between Vacuum Regulator & PM9100
PM9100 shown on Right side
Vacuum Regulator Specifications

### Continuous Models

<table>
<thead>
<tr>
<th>Model Series</th>
<th>Gauge Range:</th>
<th>Scale Accuracy:</th>
<th>Maximum Vacuum:</th>
<th>Weight:</th>
<th>Dimensions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM3000 &amp; PM3100</td>
<td>0-200 mmHg and “Full Vacuum”</td>
<td>± 5 % of Max</td>
<td>REG. Mode @ Full Vac - 396 mmHg</td>
<td>1.1 lbs. (.50 kg)</td>
<td>Length: 3.7 in. (9.4 cm)</td>
</tr>
<tr>
<td>PM3000HV &amp; PM3100HV</td>
<td>0-300 mmHg and “Max Vacuum”</td>
<td>Digital Display: ± 1% of Full Scale</td>
<td>Restricted to 170 mmHg (± 10 mmHg max.)</td>
<td></td>
<td>Width: 2.8 in. (7.1 cm)</td>
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<tr>
<td>PM3500</td>
<td>0-150 mmHg</td>
<td>Analog Gauge: ± 5% of MAX within ref. Indicator</td>
<td>REG. Mode A Full Vac - 760 mmHg</td>
<td></td>
<td>Height: 5.2 in. (13.2 cm)</td>
</tr>
<tr>
<td>PM3600</td>
<td>0-760 mmHg</td>
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</table>

### Continuous-Intermittent Models

<table>
<thead>
<tr>
<th>Model Series</th>
<th>Gauge Range:</th>
<th>Scale Accuracy:</th>
<th>Maximum Vacuum:</th>
<th>Weight:</th>
<th>Dimensions:</th>
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</thead>
<tbody>
<tr>
<td>PM3300</td>
<td>0-200 mmHg and “Full Vacuum”</td>
<td>± 5 % of Max</td>
<td>REG. Mode @ Full Vac - 396 mmHg</td>
<td>1.2 lbs. (.54 kg)</td>
<td>Length: 4.4 in. (11.2 cm)</td>
</tr>
<tr>
<td>PM3300HV</td>
<td>0-300 mmHg and “Max Vacuum”</td>
<td>Digital Display: ± 1% of Full Scale</td>
<td>Restricted to 170 mmHg (± 10 mmHg max.)</td>
<td></td>
<td>Width: 2.8 in. (7.1 cm)</td>
</tr>
<tr>
<td>PM3400</td>
<td>0-150 mmHg</td>
<td>Analog Gauge: ± 5% of MAX within ref. Indicator</td>
<td>REG. Mode A Full Vac - 760 mmHg</td>
<td></td>
<td>Height: 5.3 in. (13.4 cm)</td>
</tr>
</tbody>
</table>

Specifications are subject to change without prior notice.

### Continuous Subglottic Suction Regulator Specifications

**Model Series PM9100**

- **Scaled Suction Range:** 20 - 70 mmHg (2.7 – 9.3 kPa)
- **Scale Accuracy:** +/- 3 mmHg (4 kPa)
- **Maximum Regulator Vacuum Setting:** 85 mmHg (11.3 kPa)
- **Flow:** 37 lpm @ 20 inHg @ Max of 85 mmHg (54 lpm in “Push to Clear” mode)
- **Weight (without fittings):** .38 lb (.17 kg)
- **Dimensions (without fittings):**
  - Length: 3.50 in. (88.9 mm)
  - Width: 2.19 in. (55.6 mm)
  - Height: 3.75 in. (95.3 mm)

All specifications obtained using a vacuum source of 21 inHg (71.1 kPa).
Specifications are subject to change without prior notice.
Vacuum scale & flows are for reference only.
(Verify vacuum pressure setting with PM760 Digital VacCheck)
**Ordering Information**

Vacuum Regulator or Vacuum Regulator with Subglottic Suction Regulator

Part numbers for Vacuum Regulators are defined by the basic model number and option suffixes:

<table>
<thead>
<tr>
<th>PM3XXX</th>
<th>D E HV</th>
<th>– DB</th>
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<tbody>
<tr>
<td>Base Model Number</td>
<td>Suffixes:</td>
<td>Labeling Color</td>
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<tr>
<td>see chart below</td>
<td>D – Digital Model</td>
<td>-DB – Dark Blue</td>
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<tr>
<td></td>
<td>HV – High Range Vacuum Gauge (0-300mmHg)</td>
<td>-Y – Yellow</td>
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<tr>
<td></td>
<td>MR – MRI Safe (Continuous only)</td>
<td>-MG – Mint Green</td>
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<td></td>
<td>C – Canadian Color Coding of Fittings</td>
<td>-P – Purple</td>
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<tr>
<td></td>
<td>T – includes VacTrap (DISS Male and Ohmeda Style Trap Bottle connections only)</td>
<td>-G – Gray</td>
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<td></td>
<td>VL with Left mounted PM9100</td>
<td>-R – Red</td>
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<td></td>
<td>VR with Right mounted PM9100 (as viewed from front of device)</td>
<td>-LB – Light Blue</td>
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</table>

**Vacuum Regulator only**

**VACUUM SOURCE CONNECTION**

<table>
<thead>
<tr>
<th>1/8” N.P.T.F.</th>
<th>DISS HEX</th>
<th>DISS H.T.</th>
<th>OHMEDA</th>
<th>CHEMETRON</th>
<th>OXEQUIP</th>
<th>OXEQUIP (Medstar)</th>
<th>PURITAN-BENNETT</th>
<th>SCHRADER</th>
<th>TUBING NIPPLE</th>
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</table>

MUST add “L” or “R” suffix to all part numbers listed above for Right or Left Source Connection (as viewed from front of device).
VacTrap

Shatter Resistant Trogamid Bottle
Lightweight Nylon Float
Positive Shut-Off Disc Seal
Designed for Easy Disassembly

Specifications

- **Dimensions:**
  - Width: 2.63 in. (6.7 cm), Height: 3.00 in. (7.6 cm),
  - Depth: 1.00 in. (2.5 cm)

- **Vacuum Range:** 0-760 mmHg

- **Accuracy:** ± 1% over full scale range

- **Connector:** 1/4 in. hose barb

- **Battery:** Lithium Ion (8 to 10 year life)

- **Weight:** .15 lb.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>PM9000</td>
<td>Base Model</td>
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<tr>
<td>PM9001</td>
<td>Ohmeda Style Trap Bottle Connection</td>
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<tr>
<td>PM9002</td>
<td>DISS Hex</td>
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<tr>
<td>PM9003</td>
<td>DISS Hand Tight</td>
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</table>

Specifications are subject to change without prior notice.

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Digital VacCheck

State of the Art Design...
The Digital Vac Check gauge incorporates digital microprocessor technology - solid state design with no moving parts.

Compact & Versatile...
The unit is small enough to carry in pocket for easy vacuum level accuracy checks wherever required.

Durable...
Made of rigid ABS shock resistant plastic case with aluminum vacuum hose barb port connection.

Specifications

- **Dimensions:**
  - Width: 2.63 in. (6.7 cm), Height: 3.00 in. (7.6 cm),
  - Depth: 1.00 in. (2.5 cm)

- **Vacuum Range:** 0-760 mmHg

- **Accuracy:** ± 1% over full scale range

- **Connector:** 1/4 in. hose barb

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<tbody>
<tr>
<td>PM760</td>
<td>Digital VacCheck unit</td>
</tr>
</tbody>
</table>

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**Vacuum Accessories**

**Hex Block, Quad Blocks & Rail Blocks**

- **Hex Block**
- **Quad Block**
- **Rail Block Assembly**

**Ordering Information:**
- 7219 Hex Block (1/4 NPT Female Inlet)
- 7222 Quad Block (1/4 NPT Female Inlet)
- 7225 Rail Block Assembly (DISS Male Inlet)

**Rail Block Replacement Parts**
- 7226 Mounting Bracket
- 9056 Mounting Plate
- 9054 Hex Block, 3 outlets
- 9058-2 Screws (2)

**Replacement Gauges**

- 503826 150mmHg Analog Gauge
- 503694 200mmHg Analog Gauge
- 504309 300mmHg Analog Gauge
- 505937 750mmHg Analog Gauge
- 505391 150mmHg Digital Gauge
- 505244 200mmHg Digital Gauge
- 505392 300mmHg Digital Gauge
- 505938 750mmHg Digital Gauge
- 8066 3 Volt Lithium Battery

**Bemis Rings**

- 503491 Wire Bracket
- 504283 Wall Mount
- 504284 Plastic Bracket

**Suction Roll Stand (SCS2000)**

All Roll Stands are sold without Aspirators, Canisters or Vacuum Regulators.

**Ordering Information:**
- SCS2000 Suction Roll Stand

**Canisters, Tubing, Hydrophobic Filters & Assemblies**

- 502519-10 800cc (Case of 10)
- 1906-12 1200cc (Case of 12)
- 502687-12 2000cc (Case of 12)
- 1690 Hydrophobic Filter
- 1955 Patient Suction Tubing (6 ft.)
- 502690 Inline Filter & Tubing Assembly (PM60-2)
- 503477 Filter Assembly, SCS2000

**Vacuum Regulator Repair Kit**

**Ordering Information:**
- RK6000 PM3000 Repair Kit
- RK6100 PM3100 Repair Kit
- RK6300 PM3300 Repair Kit
- RK6400 PM3400 Repair Kit
- RK6500 PM3500 Repair Kit
- RK6600 PM3600 Repair Kit
We Can Help You Design a Custom Assembly to Fit Your Needs

We Can

... add Y’s or T’s.
... add Pole Clamps.
... add extensions for ceiling columns.
... add longer extensions to wall outlets.
... add a VacTrap.
... change face plate color.
... supply digital/analog or analog gauges.

Call us with your custom assembly requests.
International specifications, special ratings and colors are available.